[3870]-101

M. Com. (Semester - I) (Compulsory) Examination - 2010
MANAGEMENT ACCOUNTING
(2008 Pattern)

Time : 3 Hours]   [Max. Marks : 100

Instruction :

  All questions are compulsory and carry equal marks.

Q.1) What is Management Accounting ? Explain how it is indispensable in the modern commercial world.

OR

Q.1) Describe Analysis and Interpretation of Financial Statements. Explain their importance in the Financial Decisions and the limitations of such analysis.

Q.2) The following are the Balance Sheets of FINMAN Limited as on 31st March, 2009 and 31st March, 2010 :

Liabilities	31-03-09	31-03-10	Assets	31-03-09	31-03-10
Equity Share Capital	6,00,000	8,00,000	Building	4,00,000	3,80,000
General Reserves	3,00,000	4,50,000	Plant and Machinery	6,00,000	8,00,000
Profit and Loss A/c.	2,50,000	3,00,000	Furniture	1,50,000	3,00,000
14% Debentures	6,50,000	5,50,000	Investments	1,50,000	2,00,000
Mortgaged Loan	2,50,000	2,00,000	Stock	5,60,000	5,00,000
Bills Payable	75,000	1,00,000	Debtors	2,60,000	3,00,000
Creditors	1,40,000	1,80,000	Cash	90,000	50,000
Provision for Taxation	35,000	70,000	Bills Receivable	60,000	1,00,000
			Preliminary Expenses	30,000	20,000
	23,00,000	26,50,000		23,00,000	26,50,000

You are required to prepare Fund Flow Statement with necessary working notes, after considering the following information :

(1) Equity Share Capital was issued at 10% discount in exchange of a new machinery. The discount was written off through the General Reserve Account. The balance payment of the machine was made in cash.

(2) 14% Debenture are redeemed by purchasing in the open market at Rs. 97.

(3) Furniture Costing Rs. 50,000 having depreciated by 70% was sold at the loss of 30%.

(4) Income Tax Rs. 52,000 was paid during the year.

(5) During the year investment costing Rs. 40,000 was sold at 40% profit.

(6) Land and Building was depreciated by 5% whereas Furniture and Plant and Machinery was depreciated by 10% of the opening balance.

Q.3) Prepare a Balance Sheet with as much details as possible from the following information :

(1)	Stock Velocity	5
(2)	Capital Turnover Ratio	4
(3)	Fixed Assets Turnover Ratio	8
(4)	Gross Profit Ratio	20%
(5)	Debtors Velocity	73 days
(6)	Creditors Velocity	2 months
(7)	Gross Profit	Rs. 2,00,000
(8)	Reserve and Surplus	Rs. 50,000
(9)	Closing Stock was more by Rs. 40,000 than the Opening Stock.	

OR

Q.3) What is Ratio Analysis ? Explain different ratios to judge long term solvency and liquidity of the organisation.

Q.4) From the following estimations prepare statement showing estimated amount of working capital :

(1) The actual sales during the year 2009-10 was 1,00,000 units which is likely to be increased by 20% for the next year.

(2) Goods are sold at 25% above the cost.

(3) The cost incurred during the year was :

    (i)   Raw Material   –   Rs. 1,50,000

    (ii) Labour Cost   –   Rs. 60,000

    (iii) Overheads   –   Rs. 40,000 (60% Fixed)

(4) The management wants to maintain stock of raw material which will satisfy requirement of 20 days and the finished goods equal to the sales of the next month must be in the stock.

(5) The raw material remains in the process for two weeks for which labour cost and overheads are to be considered at 50% and 40% of completion stage.

(6) Fixed Overheads are paid with one month time lag while variable overheads are paid with 10 days time lag.

(7) Workmen are paid on monthly basis.

(8) 10% of the purchases are made by an advance payment of one month and the remaining on two months credit.

(9) The sales are made with one and half month credit period.

(10) The management wants to maintain minimum cash balance equal to the monthly sales.

OR

Q.4) What do you mean by Working Capital ? Explain various factors to be considered while determing need of Working Capital.

Q.5) Write detailed notes : **(Any Four)**

    (a)   Receivables Management

    (b)   Methods of Financial Statement Analysis

    (c)   Investment Cost Centre

    (d)   Kinds of Working Capitals

    (e)   Limitations of Ratio Analysis

    (f)   Importance of Cash Flow Statement

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Total No. of Questions : 5]   [Total No. of Printed Pages : 2

[3870]-102

M. Com. (Semester - I) (Compulsory) Examination - 2010
STRATEGIC MANAGEMENT
(2008 Pattern)

Time : 3 Hours]   [Max. Marks : 100

Instructions :

      (1)   All questions are compulsory.

      (2)   All questions carry equal marks.

Q.1) Define the term 'Strategic Management'. Describe various steps in the Process of Strategic Management.

OR

Q.1) Explain meaning and features of Management Ethics. What are various factors affecting Management Ethics ?

Q.2) Describe impact of social, economic and technological factors on Business Environment. Give examples.

OR

Q.2) What is 'SWOT Analysis' ? How does a Business Organisation use SWOT Analysis as a tool of Internal Analysis ?

Q.3) What is Strategic Planning ? Explain advantages and limitations of Strategic Planning.

OR

Q.3) Name four Growth Strategies used by Business. Explain in detail any two of them.

Q.4) List types of Organisational Structures required for Strategy Implementation. Explain factors affecting choice of Organisation Structure.

OR

Q.4) Write notes :

(a) Financial Planning

(b) Manpower Structure

Q.5) Write short notes : **(Any Four)**

(a) Company's Mission

(b) Social Responsibility

(c) Resource based View of a Business

(d) Formation of Production Strategy

(e) Need for Research and Development Strategy

(f) Motivation of Human Resource

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[3870]-102

मराठी रूपांतर

वेळ : 3 तास]   [एकूण गुण : 100

सूचना :

    (1) सर्व प्रश्न सोडविणे अनिवार्य आहे.

    (2) सर्व प्रश्नांना समान गुण आहेत.

    (3) संदर्भासाठी मूळ इंग्रजी प्रश्नपत्रिका पहावी.

प्र.1) व्यूहरचनात्मक व्यवस्थापन या संज्ञेची व्याख्या करा. व्यूहरचनात्मक व्यवस्थापनाच्या प्रक्रियेमधील विविध पायऱ्यांचे वर्णन करा.

किंवा

प्र.1) व्यवस्थापकीय नीतीमूल्यांचा अर्थ व त्यांची वैशिष्ट्ये स्पष्ट करा. व्यवस्थापकीय नीतीमूल्यांवर परिणाम करणारे घटक कोणते ?

प्र.2) सामाजिक, आर्थिक व तंत्रज्ञानविषयक घटकांच्या व्यावसायिक पर्यावरणावर होणाऱ्या परिणामांचे वर्णन करा व उदाहरणे द्या.

किंवा

प्र.2) स्वॉट विश्लेषण म्हणजे काय ? व्यवसाय संस्था अंतर्गत विश्लेषणाचे साधन म्हणून स्वॉट विश्लेषण कसे वापरले जाते ?

प्र.3) व्यूहरचनात्मक नियोजन म्हणजे काय ? व्यूहरचनात्मक नियोजनाचे फायदे व मर्यादा स्पष्ट करा.

किंवा

प्र.3) व्यवसायात वापरल्या जाणाऱ्या चार वृद्धी व्यूहरचना सांगा. त्यापैकी कोणत्याही दोन सविस्तर स्पष्ट करा.

प्र.4) व्यूहरचनेच्या अंमलबजावणीसाठी आवश्यक असलेल्या संघटनात्मक रचनांची यादी करा. संघटनात्मक रचनेच्या निवडीवर परिणाम करणारे घटक स्पष्ट करा.

<div align="center">

किंवा

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प्र.4) टीप लिहा :

(अ) वित्तीय नियोजन

(ब) मनुष्यबळ नियोजन

प्र.5) थोडक्यात टिपा लिहा : (**कोणत्याही चार**)

(अ) कंपनीचे ध्येय

(ब) सामाजिक जबाबदारी

(क) संसाधनावर आधारित कंपनीकडे बघण्याचा दृष्टीकोन

(ड) उत्पादन व्यूहरचनेचे सूत्रीकरण

(इ) संशोधन व विकास व्यूहरचनेची गरज

(फ) मानवी संसाधनाचे अभिप्रेरण

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Total No. of Questions : 5]   [Total No. of Printed Pages : 5

[3870]-103

M. Com. (Semester - I) Examination - 2010
ADVANCED ACCOUNTING AND TAXATION
SPECIAL PAPER - I
ADVANCED ACCOUNTING
(Group - A)
(2008 Pattern)

Time : 3 Hours]   [Max. Marks : 100

Instructions :

    (1)   All questions are compulsory and carry equal marks.

    (2)   Use of pocket calculator is allowed.

Q.1) Examine Accounting Conventions of Conservatism and Materiality and their significance in the preparation of Financial Statements.   **[20]**

OR

Q.1) Write short notes : **(Any Two)**   **[20]**

    (a)   Development of Accounting

    (b)   Types of Leasing

    (c)   Methods of Valuation of Shares

Q.2) Following are the Trial Balances of Mumbai Head Office and New York Branch as on 31-3-2010 :

Particulars	Head Office		New York Branch	
	Dr. Rs.	Cr. Rs.	Dr. $	Cr. $
Capital	–	7,50,000		
Land and Building	1,50,000	–		
Goodwill	75,000	–		

Particulars	Head Office Dr. Rs.	Head Office Cr. Rs.	New York Branch Dr. $	New York Branch Cr. $
Plant and Machinery	12,00,000	–	1,80,000	–
Furniture and Fittings	45,000	–	12,000	–
Stock on 1-4-2009	5,10,000	–	84,000	–
Purchases	31,68,000	–	3,60,000	–
Goods from H.O.	–	–	1,20,000	–
Goods to New York Branch	–	11,78,000	–	–
Sales	–	34,82,500	–	6,24,000
Salaries and Wages	1,44,000	–	12,000	–
Rent and Taxes	18,000	–	3,000	–
Insurance	10,500	–	1,500	–
Trade Expenses	27,000	–	3,000	–
Head Office	–	–	–	1,71,000
New York Branch	12,33,500	–	–	–
Sundry Debtors	3,30,000	–	36,000	–
Sundry Creditors	–	16,68,500	–	25,500
Cash in Hand	1,68,000	–	9,000	–
	70,79,000	**70,79,000**	**8,20,500**	**8,20,500**

(1) Stock as on 31-3-2010 :

Head Office   Rs. 4,38,000

New York Branch $ 78,000

(2) Depreciation on Plant and Machinery and Furniture and Fittings to be provided at 10% p.a.

(3) Rates of Exchange were as under :

(i)   When Plant and Machinery and Furniture and Fixtures were purchased $ 100 = Rs. 3,900.

(ii) On 1-4-2009 $ 100 = Rs. 4,250

(iii) On 31-3-2010 $ 100 = Rs. 4,750

(iv) Average Rate for the year $ 100 = Rs. 4,850

You are required to prepare a combined Profit and Loss Account and Balance Sheet of the Head Office and the Branch. **[20]**

Q.3) Given below are the Balance Sheets of A Ltd., B Ltd. and C Ltd. as on 31st March, 2010 :

Particulars	A Ltd. Rs.	B Ltd. Rs.	C Ltd. Rs.
Fixed Assets at Cost			
Less Depreciation	2,00,000	2,50,000	2,00,000
Investments :			
3,200 Equity Shares in B Ltd.	3,50,000	–	–
1,500 Equity Shares in C Ltd.	2,00,000	–	–
400 Equity Shares in B Ltd.	–	–	45,000
Current Assets :			
Debtors	20,000	90,000	40,000
Stock	20,000	70,000	50,000
Cash	10,000	1,65,000	45,000
	8,00,000	**5,75,000**	**3,80,000**
Equity Share Capital of Rs. 100 each	5,00,000	4,00,000	2,50,000
Profit and Loss Account	2,50,000	1,00,000	30,000
Current Liabilities :			
Sundry Creditors	46,000	67,000	80,000
Bills Payable	4,000	8,000	20,000
	8,00,000	**5,75,000**	**3,80,000**

Additional Information :

(1) Profit and Loss A/c. of B Ltd. includes Rs. 25,000 as pre-acquisition profits, the balances representing post-acquisition profits.

(2) The balance in the Profit and Loss A/c. of C Ltd. is arrived at after setting off Rs. 7,500 being pre-acquisition loss against the post-acquisition profit of Rs. 37,500.

(3) A Ltd. and C Ltd. acquired shares of B Ltd., on the same date.

You are required to prepare consolidated Balance Sheet of A Ltd. and its subsidiaries B Ltd. and C Ltd. as on 31st March, 2010. **[20]**

Q.4) Following is the Balance Sheet of Raja-Rani Ltd. as on 31st March, 2010 :

Liabilities	Rs.	Assets	Rs.
Share Capital :		Land and Buildings	2,70,000
6,000 Shares of Rs. 100 each	6,00,000	Plant and Machinery	1,00,000
Profit and Loss A/c.	40,000	Stock	3,60,000
Bank Overdraft	10,000	Sundry Debtors	1,60,000
Creditors	80,000		
Provision for Tax	1,00,000		
Proposed Dividend	60,000		
	8,90,000		**8,90,000**

The Net Profits of the Company, after usual working expenses but before providing for taxation were as under :

Year	Rs.
2009-10	2,00,000
2008-09	2,20,000
2007-08	1,80,000
2006-07	2,20,000
2005-06	1,70,000

On 31st March, 2010 Land and Buildings were valued at Rs. 2,80,000 and Plant and Machinery at Rs. 1,20,000. Sundry Debtors on the same date included Rs. 4,000 as irrecoverable. A 10% Return on Net Tangible Capital invested, is expected.

You are required to value company shares ex-dividend. You can value goodwill at 5 years purchase of the annual super profits. (The tax rate is to be assumed at 50%) **[20]**

Q.5) D Ltd. went into Voluntary Liquidation on 1st March, 2010. The Balance Sheet on that date was as under :

Balance Sheet

Liabilities	Rs.	Assets	Rs.
Share Capital :		Buildings	1,50,000
50,000 Equity Shares of Rs. 10 each	5,00,000	Plant and Machinery	2,10,000
Debentures	2,00,000	Stock	95,000
(Secured by a Floating Charge)		Book Debts 75,000	
Bank Overdrafts	30,000	- Provision 10,000	65,000
Creditors	40,000	Calls in Arrears	1,00,000
		Cash in Hand	10,000
		Profit and Loss A/c.	1,40,000
	7,70,000		**7,70,000**

Plant and Machinery and Building are valued at Rs. 1,50,000 and Rs. 1,20,000 respectively. On realisation losses of Rs. 15,000 are expected on stock. Book Debts will realise Rs. 70,000. Call in Arrears are expected to realise 90%. Bank Overdraft is secured against Buildings. Preferential Creditors for Taxes and Wages are Rs. 6,000 and Miscellaneous Expenses Outstanding Rs. 2,000.

Prepare a Statement of Affairs to be submitted to creditors. **[20]**

[3870]-104

M. Com. (Semester - I) Examination - 2010

ADVANCED ACCOUNTING AND TAXATION

SPECIAL PAPER - II

INCOME TAX

(Group - A)

(2008 Pattern)

Time : 3 Hours]   **[Max. Marks : 100**

Instructions :

      (1)   *All questions are compulsory.*

      (2)   *Figures to the right indicate full marks.*

      (3)   *Read all the questions very carefully before attempting the same.*

      (4)   *Use of calculator is allowed.*

Q.1) Write short notes : **(Any Three)**   **[15]**

    (a)   Residential Status of HUF and Company Assessee

    (b)   Gratuity

    (c)   Exempted Income

    (d)   Medical Allowance

    (e)   Person

Q.2) Answer **any two** of the following :   **[15]**

    (a)   What is Agricultural Income ? How it is treated for Income Tax purposes ?

    (b)   How would you determine Residential Status of an Individual ? Explain.

    (c)   Distinguish between Short Term Capital Gain and Long Term Capital Gain.

    (d)   Explain Provisions of Income Tax Act regarding Set Off of Losses.

Q.3) Mr. X was employed with ABC Ltd. He retired w.e.f. 1-2-2011 after completing a service of 24 years and 4 months. He submits the following information.

(1) Basic Salary Rs. 10,000 p.m. (at the time of retirement)

(2) Dearness Allowance - 120% of Basic Salary (40% of basic salary forms part of salary as per terms of employment)

(3) Last Increment Rs. 1,000 w.e.f. 1-7-2010.

(4) Company has given him a housing loan of Rs. 5,00,000 on which it charges interest @ 6% p.a., out of this Rs. 50,000 loan is still outstanding at the end of his retirement date. (Assume interest charged by SBI is 10% p.a.)

(5) The company gave him a gift worth Rs. 15,900 on his 58th birthday.

(6) The company pays telephone bills of Rs. 4,000 for the telephone installed at the residence of Mr. X.

(7) His pension is determined at Rs. 6,000 p.m. He commuted 50% pension and received Rs. 2,00,000 as commuted pension 1-3-2011. w.e.f.

(8) He received a gratuity of Rs. 2,40,000.

Compute his gross salary for the Assessment Year 2011-12, assuming that he is not covered under Payment of Gratuity Act. **[18]**

Q.4) Following is the Profit and Loss A/c. of Mr. Nana for the year ending 31-03-2011 :

	Rs.		Rs.
To Salary	2,90,000	By Gross Profit	5,24,000
To Depreciation	40,000	By Bad Debts Recovered	5,000
To Office Expenses	28,000	(earlier allowed as	
To Travelling Expenses	15,000	deduction)	
To Diwali Expenses	4,000	By Sundry Receipts	35,000
To Loss due to embezzlement by an employee	15,000		
To Interest	25,000		
To Legal Expenses	20,000		
To Education Expenses of his Son	18,000		
To Sundry Expenses	15,000		
To Net Profit	94,000		
	5,64,000		**5,64,000**

Following additional information is also available :

(1) Salary includes a payment of Rs. 65,000 given to an employee outside India and no tax has been deducted at source.

(2) W.D.V. of Plant and Machinery on 1-4-2010 is Rs. 1,20,000. A new machinery costing Rs. 60,000 has been installed during the month of December, 2010. Plant and Machinery is eligible for depreciation @ 15%.

(3) Diwali Expenses include a Gift of Rs. 4,000 given to a relative on her marriage.

(4) Legal Expenses include a Payment of Rs. 2,200 given to a Tax Consultant in cash in connection with an Income Tax Appeal.

(5) W.D.V. of the block of Furniture as on 1-4-2010 is Rs. 9,000. The entire block was sold for Rs. 6,000. The assessee did not debit loss in P and L A/c.

(6) Sundry Receipts include Rs. 25,000 withdrawn from his Public Provident Fund.

Calculate Business Income of Mr. Nana for the Assessment Year 2011-12. **[16]**

OR

Q.4) Find out the Income from House Properties for the Assessment Year 2011-12 of Landwala : **[16]**

	House 'A' (Letout) (Rs.)	House 'B' (Self-occupied) (Rs.)	House 'C' (Self-occupied) (Rs.)
(1) Municipal Valuation	3,60,000	3,45,000	4,50,000
(2) Fair Rent	4,08,000	3,40,000	3,75,000
(3) Standard Rent	3,62,000	3,70,000	3,90,000
(4) Annual Rent	3,60,000	3,84,000	4,20,000
(5) Unrealised Rent (2009-10)	12,000	–	–
(6) Period of Vacancy	One Month	N.A.	N.A.
(7) Municipal Taxes	36,000	34,500	45,000
(8) Interest of Capital (Construction Loan)	80,000	1,52,000	1,55,000

All the loans for different houses are taken after 1-4-1999 and constructions are completed by the end of March, 2002.

Q.5) Mr. Aniket, aged 35 years, has the following Incomes and Investments during the year 2010-11 :

		Rs.
(1)	Share Income from Partnership Firm M/s. XYZ	35,000
(2)	Salary received	1,44,000
(3)	Interest on Capital from Firm @ 12% p.a.	24,000
(4)	Taxable Income from House Properties	75,620
(5)	House Tax paid during the year	3,400
(6)	Short Term Capital Gain (Other than from sale/ purchase of shares/units of Mutual Funds)	80,000
(7)	Sale of Gold (purchased in 1998-99 for Rs. 60,000) in December, 2010	1,25,000
	(Cost Inflation Index - 1998-99 : 351, Assume CII for 2010-11 : 632)	
(8)	Interest on PPF A/c.	10,000
(9)	Bank Interest, NSC Interest	34,000
(10)	Other Interest	5,000
(11)	Deposit in PPF A/c.	40,000
(12)	Deposit in NSC/LIC Premium	10,000
(13)	5 year Time Deposit with SBI under Notified Scheme	20,000
(14)	Deposit in Jeevan Suraksha	20,000
(15)	5 year Post Office Time Deposit	10,000
(16)	Investment in Notified Infrastructure Bonds	20,000
(17)	Medical Insurance Premium :	
	– For Self, Wife and dependent Children	17,000
	– For Parents (both senior citizens)	21,000

Compute his Taxable Income and Tax Liability for the Assessment Year 2011-12. **[16]**

Q.6) (A) The following information is given by Mr. Ramesh, an assessee, for the preparation of his Income Tax Return for Assessment Year 2011-12 :

		Rs.
(1)	Loss under the head Business	2,00,000
(2)	Capital Gain on Sale of House Property - Long Term	4,00,000
(3)	Capital Loss on Sale of Shares - Short Term	1,00,000
(4)	Loss in respect of property used for the purpose of residence	20,000
(5)	Loss in respect of property letout	50,000
(6)	Share of Loss from a partnership firm brought froward from Assessment Year 2010-11	60,000

You are required to :

(a) Compute Net Income/Loss, and

(b) Determine loss, if any, to be carried forward giving reasons for the same. **[10]**

(B) Capital Gain :

Purchased House Property in 1981-82   Rs. 3,00,000

Sold House on 11-2-2010   Rs. 30,10,000

Purchased New House on 28-3-2010   Rs. 10,00,000

Compute Taxable Capital Gains for the A.Y. 2010-11 :

(a) Where no deposit is made under the Capital Gains Accounts Scheme ?

(b) Where deposit of Rs. 50,000 is made in the Capital Gains Accounts Scheme ?

CII : 1981-82 = 100, 2009-10 = 632. **[10]**

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Total No. of Questions : 6]　　　　　　[Total No. of Printed Pages : 4

[3870]-105

M. Com. (Semester - I) Examination - 2010

ADVANCED COST ACCOUNTING AND COST SYSTEMS

SPECIAL PAPER - I

ADVANCED COST ACCOUNTING

(Group - B)

(2008 Pattern)

Time : 3 Hours]　　　　　　　　　　　　[Max. Marks : 100

Instructions :

　　(1)　Attempt all questions.

　　(2)　Figures to the right indicate full marks.

　　(3)　Use of calculator is allowed.

Q.1) (A) State whether the following statements are **true** or **false** :　　**[05]**

　　(a)　The Perpetual Inventory System enables management to ascertain stock without physical verification.

　　(b)　The distinction between Direct and Indirect Labour is not influenced by the use of Payroll Summary Account.

　　(c)　Fixed Overhead Cost is a Committed Cost.

　　(d)　Batch Costing is a variant of Job Costing.

　　(e)　Motor Cost for Passengers is ascertained with reference to per passenger per kilometer.

(B) Fill in the blanks :　　**[05]**

　　(a)　The industries which render services must make use of _____ Method of Costing.

　　(b)　In Contract Costing, the Cost Unit is _____ .

　　(c)　_____ is the allotment of proportions of items of Cost to Cost Centres or Cost Units.

(d) _____ is a document which records transfer of materials from one job or department to another.

(e) In Halsey Bonus Plan, a worker gets a bonus equal to _____ of the time saved.

Q.2) Define 'Overhead'. State different Methods of Classification of Overheads by giving suitable examples. **[18]**

OR

Q.2) Briefly describe various Methods of Labour Remuneration. **[18]**

Q.3) Write short notes : **(Any Three)** **[18]**

(a) Characteristics of Product Life Cycle

(b) Benefits of Life Cycle Costing

(c) Merit Rating

(d) Inventory Control

(e) Primary Distribution of Overheads

Q.4) Ash Engineering Works has three Production Departments A, B and C and one Service Department S. From the under mentioned particulars, calculate Labour Hour Rate for each of the Production Departments.

Expenses for the period of 12 months :

	Rs.
Rent	36,000
Power	8,250
Indirect Wages	5,200
Depreciation on Machinery	22,000
Electricity	5,600
Canteen Expenses	6,500

Additional Information :

	A	B	C	S
Light Points (Nos.)	7	7	9	5
Floor Space (sq. mts.)	300	250	450	200
H.P. of Machines	65	30	30	40
No. of Workers	2	3	6	2
Direct Wages (Rs.)	12,000	14,000	18,000	8,000
Cost of Machines (Rs.)	50,000	60,000	80,000	10,000

Working Days : 200 days of 8 hours each.

Service rendered by Service Department S to Production Departments
A, B and C are 30%, 20% and 50% respectively.   **[18]**

Q.5) A firm of large contractors kept separate accounts for each contract.
On 31-12-2009 the following were shown as being the expenditure in
connection with Contract No. 110.

	Rs.
Materials Issued from Stores	48,925
Materials Purchased	2,90,315
Wages	3,68,170
Direct Expenses	10,130
Establishment Charges	43,600
Plant which had been used on other contracts	62,615
Additional Plant purchased	18,050

The Contract which had commenced on 1-7-2009 was for Rs. 1,50,000
and the amount certified by the Architect, after deduction of
20% retention money was Rs. 6,04,000, the work being certified till
31-12-2009. The materials on site on that date was valued at Rs. 49,290.
The depreciation on plant in respect of this contract till 31-12-2009
was Rs. 5,650.

Prepare a Contract A/c., showing profit on the contract upto
31-12-2009.   **[18]**

Q.6) From the following particulars relating to two processes - Process P and Process Q, prepare necessary accounts for a period :

	Process P	Process Q
Input (Units)	1,00,000	92,000
Normal Loss	10%	?
Cost incurred :		
	(Rs.)	(Rs.)
Materials	1,60,000	30,000
Direct Labour	60,000	80,000
Overheads	55,000	60,200
Realisable Scrape Value		
Per unit	Re. 0.50	Rs. 2

The output of process P is transferred to process Q. The output of process Q was 86,000 units. They were sold for Rs. 6 per unit showing a profit of 20% on cost. Assume that there was no closing work-in-progress and finished goods. **[18]**

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Total No. of Questions : 5] [Total No. of Printed Pages : 3

[3870]-106

M. Com. (Semester - I) Examination - 2010

ADVANCED COST ACCOUNTING AND COST SYSTEMS

SPECIAL PAPER - II

COSTING TECHNIQUES AND RESPONSIBILITY ACCOUNTING

(Group - B)

(2008 Pattern)

Time : 3 Hours] [Max. Marks : 100

Instructions :

(1) All questions are compulsory.

(2) All questions carry equal marks.

(3) Figures to the right indicate full marks.

Q.1) (A) Fill in the blanks : [05]

(a) _____ is a budget designed to furnish budgeted costs for any level of activity.

(b) If Actual Material Cost is 500 units at Rs. 6 per unit, and Standard Material Cost is 600 units at Rs. 5 per unit, the Material Cost Variance is _____.

(c) Uniform Costing provides a basis for cost comparison between _____ undertakings in the same industry.

(d) _____ the comparison of one business with another business in the same trade/industry.

(e) _____ is a method of accounting in which costs are identified with persons assigned to their control rather than with products or functions.

(B) Write **true** or **false** : [05]

(a) A System of Budgetary Control can be used even when Standard Costing is in use in a concern.

(b) Idle Time Variance is always unfavourable.

(c) Calendar Variance arises only in case of Fixed Overheads.

(d) Uniform Costing provides Government with information for fixation and regulation of prices.

(e) Responsibility Centre is a unit or function of an organisation headed by a Manager having Direct Responsibility for its performance.

(C) Describe in brief 'Limiting Factors'. **[10]**

Q.2) Explain the following : **[20]**
(a) Uniform Costing
(b) Inter-firm Comparison

OR

Q.2) Write notes : **[20]**
(a) Cost Centre and Revenue Centre
(b) Controllable and Non-controllabel Costs

Q.3) Prepare a Cash Budget for the three months ended 30th September, 2009 based on the following information :

Cash at Bank on 1st July, 2009   Rs. 25,000
Monthly Salaries and Wages (estimated)   Rs. 10,000
Interest Payable in August, 2009   Rs. 5,000

Estimated	June (Rs.)	July (Rs.)	August (Rs.)	September (Rs.)
Cash Sales	1,20,000	1,40,000	1,52,000	1,21,000
Credit Sales	1,00,000	80,000	1,40,000	1,20,000
Purchases	1,60,000	1,70,000	2,40,000	1,80,000
Other Expenses	18,000	20,000	22,000	21,000

Credit Sales are collected 50% in the month of sales and 50% in the month following. Collections from Credit Sales are subject to 10% discount if received in the month of sale and to 5% if received in the month following.

10% of the purchases are in cash and balance is paid in next month. **[20]**

Q.4) The Standard Material Cost for Production of 100 kgs of Chemical 'D' is made up of :

Chemical A ... 30 kg @ Rs. 4.00 per kg

Chemical B ... 40 kg @ Rs. 5.00 per kg

Chemical C ... 80 kg @ Rs. 6.00 per kg

A batch of 500 kgs of chemical 'D' was produced from a mix of :

Chemical A ... 140 kg at a cost of Rs. 588

Chemical B ... 220 kg at a cost of Rs. 1,056

Chemical C ... 440 kg at a cost of Rs. 2,860

How do the yield, mix and the price factors contribute to the variance in the Actual Cost per 100 kg of Chemical 'D' over the Standard Cost. Calculate :

(a) Material Cost Variance

(b) Material Price Variance

(c) Material Usage Variance

(d) Material Mix Variance

(c) Material Yield Variance **[20]**

Q.5) (A) Discuss reporting to different levels of Management. **[10]**

(B) From the following, calculate :

(a) Labour Cost Variance

(b) Labour Rate Variance

(c) Labour Efficiency Variance

	Dept. B
Actual Direct Wages	Rs. 1,800
Standard Hours Produced	6,000
Standard Rate per Hour	35 paise
Actual Hours Worked	5,800

[10]

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[3870]-107

M. Com. (Semester - I) Examination - 2010

BUSINESS PRACTICES AND ENVIRONMENT

SPECIAL PAPER - I

ORGANISED TRADE AND MARKETS

(Group - C)

(2008 Pattern)

Time : 3 Hours]   **[Max. Marks : 100**

Instructions :

     (1)   All questions are compulsory.

     (2)   All questions carry equal marks.

Q.1) Explain in detail role and importance of Service Sector in India.

OR

Q.1) What is Organised Market ? Explain nature and role of Organised Market.

Q.2) Explain structure and functions of Co-operative Marketing.

OR

Q.2) What is Co-operative Marketing ? State objectives and need of Co-operative Marketing.

Q.3) Explain in detail role of Food Corporation of India.

OR

Q.3) State role and importance of State Trading Corporation in Modern Business.

Q.4) Explain regulations, control and role of Securities Exchange Board of India (SEBI).

OR

Q.4) What is Business ? State various Policies of Modern Business.

Q.5) Write short notes : **(Any Two)**

    (a)   Regulated Markets

    (b)   Role of Business

    (c)   Business Practice and E-commerce

    (d)   Importance of Stock Exchange of India

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[3870]-107

मराठी रूपांतर

वेळ : 3 तास]　　　　　　　　　　　　　[एकूण गुण : 100

सूचना :

(1) सर्व प्रश्न सोडविणे आवश्यक आहे.

(2) सर्व प्रश्नांना समान गुण आहेत.

प्र.1) भारतातील सेवाक्षेत्राची भूमिका आणि महत्त्व सविस्तर सांगा.

किंवा

प्र.1) संघटीत बाजार म्हणजे काय ? संघटीत बाजाराची भूमिका आणि स्वरूप स्पष्ट करा.

प्र.2) सहकारी विपणनाची रचना आणि कार्ये स्पष्ट करा.

किंवा

प्र.2) सहकारी विपणन म्हणजे काय ? सहकारी विपणनाची उद्दिष्टे आणि गरज सांगा.

प्र.3) भारतीय अन्न महामंडळाची भूमिका सविस्तर स्पष्ट करा.

किंवा

प्र.3) आधुनिक व्यवसायातील राज्य व्यापार महामंडळाची भूमिका आणि महत्त्व सांगा.

प्र.4) सेबीची भूमिका, नियमन आणि नियंत्रण स्पष्ट करा.

किंवा

प्र.4) व्यवसाय म्हणजे काय ? व्यवसायाची विविध धोरणे सांगा.

प्र.5) थोडक्यात टिपा लिहा : **(कोणत्याही दोन)**

(अ) नियंत्रित बाजार

(ब) व्यवसायाची भूमिका

(क) ई-कॉमर्सच्या संदर्भात व्यवसायाच्या पद्धती

(ड) भारतीय भाग बाजाराचे महत्त्व

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[3870]-108

M. Com. (Semester - I) Examination - 2010
BUSINESS PRACTICES AND ENVIRONMENT
SPECIAL PAPER - II
BUSINESS ENVIRONMENT AND POLICIES
(Group - C)
(2008 Pattern)

Time : 3 Hours]   [Max. Marks : 100

Instructions :

    (1)   All questions are compulsory.

    (2)   All questions carry equal marks.

Q.1) "Proper Knowledge of the Dynamic Business Environment is a must to every Business Manager." Comment on the statement.

<div align="center">OR</div>

Q.1) Define Business Environment. Discuss characteristics of Business Environment.

Q.2) Discuss impact of Social and Cultural Environment on Business.

<div align="center">OR</div>

Q.2) How does Legal Environment influence Business Decisions ?

Q.3) Explain characteristics of Indian Economic Reforms.

<div align="center">OR</div>

Q.3) Discuss Profile of Indian Economy.

Q.4) Define the term Poverty. Suggest measures to eradicate Poverty in India.

OR

Q.4) What do you mean by Social Justice ? Explain steps taken by the Government to give Social Justice to Indian Citizens.

Q.5) Write notes : **(Any Two)**

    (a)   Measures for Controlling Water Pollution

    (b)   Educational Environment

    (c)   Inclusive Growth

    (d)   Human Development

    (e)   FDI in India

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[3870]-108

मराठी रूपांतर

वेळ : 3 तास]   [एकूण गुण : 100

सूचना :

    (1) सर्व प्रश्न सोडविणे आवश्यक आहे.

    (2) सर्व प्रश्नांना समान गुण आहेत.

प्र.1) "गतिशील व्यावसायिक पर्यावरणाचे योग्य ज्ञान प्रत्येक व्यावसायिक व्यवस्थापकाला आवश्यक आहे." या विधानावर तुमचे मत मांडा.

<p align="center">किंवा</p>

प्र.1) व्यावसायिक पर्यावरणाची व्याख्या लिहा. व्यावसायिक पर्यावरणाच्या वैशिष्ट्यांची चर्चा करा.

प्र.2) सामाजिक व सांस्कृतिक पर्यावरणाच्या व्यवसायावरील परिणामांची चर्चा करा.

<p align="center">किंवा</p>

प्र.2) कायदेविषयक पर्यावरण व्यवसायाच्या निर्णयांवर कसे परिणाम करते ते सांगा.

प्र.3) भारतीय आर्थिक सुधारणांची वैशिष्ट्ये स्पष्ट करा.

<p align="center">किंवा</p>

प्र.3) भारतीय अर्थव्यवस्थेच्या वैशिष्ट्यांची चर्चा करा.

प्र.4) 'दारिद्र्य' या संकल्पनेची व्याख्या लिहा. भारतातील दारिद्र्य निर्मुलनासाठी उपाय सूचवा.

<p align="center">किंवा</p>

प्र.4) सामाजिक न्याय याचा अर्थ काय आहे ? भारतीय जनतेला सामाजिक न्याय देण्यासाठी सरकारने कोणते उपाय योजले आहेत ते स्पष्ट करा.

प्र.5) टिपा लिहा : **(कोणत्याही दोन)**

(अ)   पाणी प्रदूषण रोखण्यासाठी उपाययोजना

(ब)   शैक्षणिक पर्यावरण

(क)   समावेशक वृद्धी

(ड)   मानव विकास

(इ)   भारतातील परदेशी प्रत्यक्ष गुंतवणूक

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Total No. of Questions : 5]　　　　　　　[Total No. of Printed Pages : 2

[3870]-109

M. Com. (Semester - I) Examination - 2010

BUSINESS ADMINISTRATION

SPECIAL PAPER - I

PRODUCTION AND OPERATIONS MANAGEMENT

(Group - D)

(2008 Pattern)

Time : 3 Hours]　　　　　　　　　　　　　　　**[Max. Marks : 100**

Instructions :

　　(1)　All questions are compulsory.

　　(2)　All questions carry equal marks.

Q.1) Define 'Production Management'. Discuss various Methods of Production in brief.

OR

Q.1) Define 'Production Management'. Explain its objectives and functions.

Q.2) What is meant by Product Development ? State factors and techniques of Product Development.

OR

Q.2) What is Product Design ? Discuss importance and factors affecting Product Design.

Q.3) What is Materials Management ? State scope and functions of Materials Management in detail.

OR

Q.3) What is Logistic Management ? Explain importance of Logistic Management in India.

Q.4) What is Production Planning and Production Development ? Explain its importance in today's Globalisation.

<div align="center">**OR**</div>

Q.4) "Productivity in Business is basic to the Prosperity and Survival of an Enterprise." Discuss.

Q.5) Write short notes : **(Any Four)**

  (a) Plant Layout

  (b) Production Control

  (c) Importance of Inventory Control

  (d) Factors affecting Productivity

  (e) Need of Production Planning

  (f) Purchasing Functions

<div align="center">_____</div>

[3870]-109

मराठी रूपांतर

वेळ : 3 तास]   [एकूण गुण : 100

सूचना :

    (1) सर्व प्रश्न सोडविणे आवश्यक आहे.

    (2) सर्व प्रश्नांना समान गुण आहेत.

प्र.1) उत्पादन व्यवस्थापनाची व्याख्या द्या. उत्पादनाच्या विविध पद्धर्तींची थोडक्यात चर्चा करा.

किंवा

प्र.1) उत्पादन व्यवस्थापनाची व्याख्या द्या. उत्पादन व्यवस्थापनाची उद्दिष्टे व कार्ये स्पष्ट करा.

प्र.2) वस्तूविकास म्हणजे काय ? वस्तूविकसातील घटक व तंत्रे सांगा.

किंवा

प्र.2) वस्तूरचना म्हणजे काय ? वस्तूरचनेचे महत्त्व सांगून वस्तूरचनेवर परिणाम करणाऱ्या घटकांची चर्चा करा.

प्र.3) सामग्री व्यवस्थापन म्हणजे काय ? सामग्री व्यवस्थापनाची व्याप्ती व कार्ये सविस्तर सांगा.

किंवा

प्र.3) लॉजिस्टिक मॅनेजमेन्ट म्हणजे काय ? भारतातील लॉजिस्टिक मॅनेजमेन्टचे महत्त्व स्पष्ट करा.

प्र.4) उत्पादन नियोजन आणि उत्पादन विकास म्हणजे काय ? जागतिकीकरणातील उत्पादन नियोजन व विकासाचे महत्त्व स्पष्ट करा.

किंवा

प्र.4) "व्यवसाय समृद्धी व टिकण्यासाठी उत्पादकता ही मूलभूत बाब आहे." चर्चा करा.

प्र.5) थोडक्यात टिपा लिहा : (**कोणत्याही चार**)

   (अ)   संयंत्ररचना

   (ब)   उत्पादन नियंत्रण

   (क)   मालसाठी नियंत्रणाचे महत्त्व

   (ड)   उत्पादकतेवर परिणाम करणारे घटक

   (इ)   उत्पादन नियोजनाची गरज

   (फ)   खरेदीची कार्ये

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[3870]-110

M. Com. (Semester - I) Examination - 2010
BUSINESS ADMINISTRATION
SPECIAL PAPER - II
FINANCIAL MANAGEMENT
(Group - D)
(2008 Pattern)

Time : 3 Hours]   [Max. Marks : 100

Instructions :

  (1)   All questions are compulsory.

  (2)   All questions carry equal marks.

Q.1) Explain in detail with suitable examples, Role of Finance Executive.

OR

Q.1) (A) Describe importance of Inventory Management in Handling Working Capital.

(B) Write a note on 'Fund Flow Analysis'.

Q.2) Explain various current trends in Indian Financial System.

OR

Q.2) Describe various Capital Budgeting Techniques.

Q.3) Describe role of Reserve Bank of India and Securities Exchange Board of India in Financial Management.

OR

Q.3) State various types of Ratios with their importance and limitations.

Q.4) Explain various factors affecting the size of Working Capital.

OR

Q.4) Profit and Loss Account of Aneesh Ltd. for the year 31-3-2010 is as follows :

Particulars	Amount
Sales	10,00,000
Purchases	5,00,000
Opening Stock	50,000
Closing Stock	2,00,000
Wages	1,50,000
Salaries	2,00,000
Rent	50,000
Office Expenses	25,000

Re-arrange Profit and Loss Account from the above data.

Calculate :

(a) Gross Profit Ratio

(b) Net Profit Ratio

(c) Operating Cost Ratio

(d) Stock Turnover Ratio

Q.5) Write short notes : **(Any Four)**

(a) Cash Management

(b) Balance Sheet and its Utility

(c) Sources of Funds

(d) Problems of Receivables Management

(e) Goals of Financial Management

(f) Pay-back Method

[3870]-110

मराठी रूपांतर

वेळ : 3 तास]   [एकूण गुण : 100

सूचना :

    (1) सर्व प्रश्न सोडविणे आवश्यक आहे.

    (2) सर्व प्रश्नांना समान गुण आहेत.

प्र.1) वित्त व्यवस्थापकाची भूमिका योग्य उदाहरणासहित सविस्तर स्पष्ट करा.

<div align="center">किंवा</div>

प्र.1) (अ) खेळ्या भांडवलाची हाताळणी करताना मालसाठा व्यवस्थापनाचे महत्त्व विशद करा.

    (ब) 'वित्त प्रवाह विश्लेषण' यावर टीप लिहा.

प्र.2) भारतीय वित्तीय प्रणालीमधील विविध आधुनिक प्रवाह स्पष्ट करा.

<div align="center">किंवा</div>

प्र.2) भांडवली अंदाजपत्रकाची विविध तंत्रे विशद करा.

प्र.3) वित्त व्यवस्थापनामधे रिझर्व्ह बँक ऑफ इंडिया आणि सेबीची भूमिका विशद करा.

<div align="center">किंवा</div>

प्र.3) गुणोत्तराचे (रेशो) विविध प्रकार त्यांच्या महत्त्व व मर्यादे सहित सांगा.

प्र.4) खेळ्या भांडवलाच्या आकारावर परिणाम करणारे विविध घटक स्पष्ट करा.

<div align="center">किंवा</div>

प्र.4) अनीश लि.चे नफा-तोटा पत्रक ३१-३-२०१०चे खालील प्रमाणे :

नाव	रक्कम
विक्री	१०,००,०००
खरेदी	५,००,०००
सुरुवातीचा मालसाठा	५०,०००
अंतिम मालसाठा	२,००,०००
मजूरी	१,५०,०००
वेतन	२,००,०००
भाडे	५०,०००
कार्यालयीन खर्च	२५,०००

वरील आकडेवारी वरून नफा-तोटा पत्रकाची मांडणी करा व खालील गुणोत्तर काढा :

(अ) ढोबळ नफा गुणोत्तर (Gross Profit Ratio)

(ब) निव्वळ नफा गुणोत्तर (Net Profit Ratio)

(क) ऑपरेटिंग कॉस्ट गुणोत्तर (Operating Cost Ratio)

(ड) स्टॉक टर्नओव्हर गुणोत्तर (Stock Turnover Ratio)

प्र.5) थोडक्यात टिपा लिहा : (**कोणत्याही चार**)

(अ) पैशाचे व्यवस्थापन

(ब) ताळेबंद आणि त्याची उपयोगिता

(क) वित्त उभारणीचे मार्ग

(ड) प्राप्य विपत्र व्यवस्थापनाच्या समस्या

(इ) वित्त व्यवस्थापनाचे उद्देश

(फ) पे-बॅक पद्धती

Total No. of Questions : 5]   [Total No. of Printed Pages : 2

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M. Com. (Semester - I) Examination - 2010
COMMERCIAL LAWS AND PRACTICES
SPECIAL PAPER - I
INFORMATION SYSTEM AND E-COMMERCE PRACTICES
(Group - E)
(2008 Pattern)

Time : 3 Hours]   [Max. Marks : 100

Instructions :

(1) All questions are compulsory.

(2) All questions carry equal marks.

Q.1) What is E-commerce ? State impact of E-commerce on Business Opportunities.

OR

Q.1) Define E-commerce. State benefits and technical and non-technical limitations of E-commerce.

Q.2) Define Electronic Data Interchange. Explain Electronic Data Interchange Transaction with suitable example.

OR

Q.2) What is Extranet ? Explain applications of Extranet and also state distinction between Internet and Extranet.

Q.3) Explain Sales Procedure with reference to E-commerce.

OR

Q.3) What do you mean by Internet Advertising ? State advantages and limitations of Internet Advertisement.

Q.4) Write notes :

    (a)   B2B and B2C E-commerce Modules

    (b)   Electronic Payment System

<div align="center">OR</div>

Q.4) Write notes :

    (a)   Portals in India

    (b)   Advantages of Proxy Gateway

Q.5) Write short notes : **(Any Four)**

    (a)   Electronic Fund Transfer

    (b)   Intranet

    (c)   Global Information System

    (d)   Components of Internet

    (e)   Digital Signature

    (f)   Electronic Catalogue

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मराठी रूपांतर

वेळ : 3 तास]   [एकूण गुण : 100

सूचना :

     (1) सर्व प्रश्न सोडविणे आवश्यक आहे.

     (2) सर्व प्रश्नांना समान गुण आहेत.

     (3) संदर्भासाठी मूळ इंग्रजी पत्रिका पहावी.

प्र.1) ई-कॉमर्स म्हणजे काय ? ई-कॉमर्सचे व्यवसायला होणारे परिणाम स्पष्ट करा.

<div align="center">किंवा</div>

प्र.1) ई-कॉमर्सची व्याख्या द्या. ई-कॉमर्समधील टॅक्निकल व नॉन-टेक्निकलविषयी फायदे व मर्यादा विशद करा.

प्र.2) इलेक्ट्रॉनिक डाटा इंटरचेंजची व्याख्या द्या. इलेक्ट्रॉनिक डाटा इंटरचेंजमधील व्यवहारबद्दल उपयुक्त उदाहरणासहित स्पष्ट करा.

<div align="center">किंवा</div>

प्र.2) एक्स्ट्रानेट म्हणजे काय ? एक्स्ट्रानेट व इंटरनेटमधील फरकाचे विश्लेषण करा.

प्र.3) ई-कॉमर्समधील विक्री कार्यपद्धती स्पष्ट करा.

<div align="center">किंवा</div>

प्र.3) इंटरनेट जाहिरात म्हणजे काय ? इंटरनेट जाहिरातीचे फायदे व तोटे आणि मर्यादा स्पष्टीकरण लिहा.

प्र.4) टिपा लिहा :

(अ) बी२बी आणि बी२सी ई-कॉमर्स प्रणाली

(ब) इलेक्ट्रॉनिक रक्कम अदा करण्याची पद्धती

<div align="center">किंवा</div>

प्र.4) टिपा लिहा :

(अ) भारतातील पोर्टल्स

(ब) प्रॉक्सी गेटवेचे फायदे

प्र.5) टिपा लिहा : **(कोणत्याही चार)**

(अ) इलेक्ट्रॉनिक फंड ट्रान्सफर

(ब) इंटरानेट

(क) जागतीक माहिती पद्धती (G.I.S.)

(ड) कांपोनन्ट्स ऑफ इंटरनेट

(इ) संगणकीय साक्षरी

(फ) इलेक्ट्रोनिक कॅटलॉग (Electronic Catalogue)

<div align="center">_____</div>

Total No. of Questions : 5]   [Total No. of Printed Pages : 2

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M. Com. (Semester - I) Examination - 2010
COMMERCIAL LAWS AND PRACTICES
SPECIAL PAPER - II
INTELLECTUAL PROPERTY LAWS
(Group - E)
(2008 Pattern)

Time : 3 Hours]   [Max. Marks : 100

Instructions :

    (1)   All questions are compulsory.

    (2)   All questions carry equal marks.

Q.1) What are the 'Intellectual Property Rights' (IPR) ? What are the legislations covering IPRs in India ? Who are responsible for administration of IPRs in the country ?

OR

Q.1) Write a detail note on : 'Intellectual Property for Economic and Social Development'.

Q.2) What is a Patent ? What are the conditions to be satisfied by an invention for grant of Patent ? State inventions that are not Patentable under the Patents Act, 1970.

OR

Q.2) State different provisions of the Patents Act, 1970 regarding the 'Patent Agent'.

Q.3) Explain the term 'Trade Mark'. State provisions of the Trade Marks Act, 1999 relating to registration of Trade Marks.

OR

Q.3) State composition of 'Appellate Board' under the Trade Marks Act, 1999. What are the qualifications for appointment as a Chairman of the Board ? Explain Procedure and Powers of Appellate Board.

Q.4) What are the objects of the Biological Diversity Act, 2002 ? State salient features of the Act. Explain powers and duties of the Central Government in respect of conservation and protection of biological resources in India.

OR

Q.4) (A) What are the essential Patent Documents (specifications) to be generated and submitted by a Potential Patentee ?

(B) What are the functions of 'Trade Marks' ? State essentials of a good Trade Mark.

Q.5) Write short notes : **(Any Four)**

(a) Nature of Intellectual Property

(b) Rights of Co-owners of Patents

(c) Register of Trade Marks

(d) Defences in Suits for Infringement of Patent

(e) Collective Marks

(f) State Biodiversity Board.

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मराठी रुपांतर

वेळ : 3 तास]   [एकूण गुण : 100

सूचना :

    (1) सर्व प्रश्न सोडविणे अनिवार्य आहे.

    (2) सर्व प्रश्नांना समान गुण आहेत.

    (3) आवश्यक वाटल्यास मूळ इंग्रजी प्रश्नपत्रिका पहावी.

प्र.1) 'बौद्धिक संपदा हक्क' म्हणजे काय ? भारतात बौद्धिक संपदा हक्कांच्या संरक्षणासाठी केलेले कायदे कोणते ? देशातील बौद्धिक संपदा हक्कांच्या प्रशासनाची जबाबदारी कोणाची आहे ?

किंवा

प्र.1) 'आर्थिक व सामाजिक विकासासाठी बौद्धिक संपदा' यावर सविस्तर टीप लिहा.

प्र.2) 'स्वामित्व अधिकारपत्र' म्हणजे काय ? स्वामित्व अधिकारपत्र प्रदानासाठी शोधाने कोणत्या अटी पूर्ण कराव्या लागतात ? स्वामित्व अधिकारपत्र कायदा, १९७०नुसार कोणत्या शोधांचे स्वामित्व अधिकारपत्र मिळू शकत नाही ?

किंवा

प्र.2) स्वामित्व अधिकारपत्र कायदा, १९७०मधील 'स्वामित्व अधिकारपत्र प्रतिनिधी' संबंधीच्या विविध तरतूदी सांगा.

प्र.3) 'व्यापार चिन्ह' ही संज्ञा स्पष्ट करा. व्यापार चिन्ह कायदा, १९९९मधील व्यापार चिन्हांच्या नोंदणी संबंधीच्या विविध तरतूदी सांगा.

किंवा

प्र.3) व्यापार चिन्ह कायदा, १९९९ अंतर्गत 'अपीलीय मंडळा'ची रचना सांगा. मंडळाचा अध्यक्ष म्हणून नेमणूक होण्यासाठी कोणती पात्रता लागते ? अपीलीय मंडळाची कार्यपद्धती व अधिकार स्पष्ट करा.

प्र.4) जैविक विविधता कायदा, २००२ची उद्दिष्ट्ये काय ? या कायद्याची ठळक वैशिष्ट्ये सांगा. भारतातील 'जैविक साधनसामग्रीचे जतन आणि संरक्षण' या संदर्भातील केंद्र सरकारचे अधिकार व कर्तव्ये स्पष्ट करा.

<div align="center">किंवा</div>

प्र.4) (अ) संभाव्य स्वामित्व अधिकारपत्रधारकाने स्वामित्व अधिकारपत्रासंबंधीची कोणती आवश्यक कागदपत्रे तयार करून सादर करावी लागतात ?

(ब) व्यापार चिन्हांची कार्ये कोणती ? चांगल्या व्यापार चिन्हाच्या आवश्यक बाबी सांगा.

प्र.5) टिपा लिहा : (**कोणत्याही चार**)

(अ) बौद्धिक संपदेचे स्वरूप

(ब) स्वामित्व अधिकारपत्राच्या सह-मालकाचे हक्क

(क) व्यापार चिन्हांची नोंदवही

(ड) स्वामित्व अधिकारपत्र उल्लंघनाच्या खटल्यातील बचाव

(इ) समूह चिन्हे

(फ) राज्य जैवविविधता मंडळ

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Total No. of Questions : 5] [**Total No. of Printed Pages : 2**

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M. Com. (Semester - I) Examination - 2010

CO-OPERATION AND RURAL DEVELOPMENT

SPECIAL PAPER - I

CO-OPERATIVE MOVEMENT IN INDIA

(Group - F)

(2008 Pattern)

Time : 3 Hours] [**Max. Marks : 100**

Instructions :

    (1)   All questions are compulsory.

    (2)   Figures to the right indicate full marks.

Q.1) Examine role of Five Year Plans in Co-operative Movement in India. **[20]**

OR

Q.1) Critically examine impact of Globalisation on Co-operatives in India. **[20]**

Q.2) Explain provisions in Maharashtra State Co-operative Societies Act, 1960 regarding Management and Liquidation of Co-operative Society. **[20]**

OR

Q.2) Give a brief Outline of Administrative Control of Government over the Co-operatives in Maharashtra. **[20]**

Q.3) Explain findings and recommendations of AIRCS Committee. **[20]**

OR

Q.3) State recommendations of Mirdha Committee. Explain steps taken by the Government on these recommendations. **[20]**

Q.4) Explain role of NABARD in refinancing Co-operatives since 1991. **[20]**

OR

Q.4) Explain role of Maharashtra Rajya Sahakari Bank in Co-ordinating Credit Co-operatives. **[20]**

Q.5) Write notes : **(Any Four)** **[20]**

    (a)   Co-operative Movement and Rural Development

    (b)   Members of Co-operatives and their rights

    (c)   Legal Control of Government on Co-operatives

    (d)   Godbole Committee Report

    (e)   Drawbacks of Co-operatives Movement in India

    (f)   Ammendments in Maharashtra State Co-operative Societies Act, 1960, regarding Registration of Co-operative Society

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मराठी रूपांतर

वेळ : 3 तास]　　　　　　　　　　　　　　　[एकूण गुण : 100

सूचना :

    (1) सर्व प्रश्न सोडविणे अनिवार्य आहे.

    (2) उजवीकडील अंक प्रश्नांचे पूर्ण गुण दर्शवितात.

    (3) संदर्भासाठी मूळ इंग्रजी प्रश्नपत्रिका पहावी.

प्र.1) भारतातील सहकारी चळवळीमधील पंचवार्षिक योजनांच्या भूमिकेचे परीक्षण करा. **[20]**

किंवा

प्र.1) जागतीकीकरणाचा भारतातील सहकारी संस्थावरील प्रभावाचे टीकात्मक परीक्षण करा. **[20]**

प्र.2) महाराष्ट्र राज्य सहकारी संस्था कायदा, १९६०मधील सहकारी संस्था व्यवस्थापन आणि विसर्जनविषयक तरतूदी स्पष्ट करा. **[20]**

किंवा

प्र.2) महाराष्ट्रातील सहकारी संस्थावरील सरकारच्या प्रशासकीय नियंत्रण व्यवस्थेची रुपरेषा थोडक्यात द्या. **[20]**

प्र.3) अखिल भारतीय ग्रामीण पतपुरवठा पाहणी समितीचे निष्कर्ष व शिफारशी स्पष्ट करा. **[20]**

किंवा

प्र.3) मिर्धा समितीच्या शिफारशी सांगा. या शिफारशीनुसार सरकारने उचलेली पावले स्पष्ट करा. **[20]**

प्र.4) नाबार्डच्या १९९१ पासूनच्या सहकारी संस्थांच्या पुनर्वित्त पुरठ्यातील भूमिका स्पष्ट करा. **[20]**

<p style="text-align:center;">किंवा</p>

प्र.4) सहकारी पतपुरवठा संस्थांच्या समन्वयातील महाराष्ट्र राज्य सहकारी बँकेची भूमिका स्पष्ट करा. **[20]**

प्र.5) टिपा लिहा : (**कोणत्याही चार**) **[20]**

    (अ) सहकारी चळवळ आणि ग्रामीण विकास

    (ब) सहकारी संस्थांचे सभासद आणि त्यांचे अधिकार

    (क) सहकारी संस्थावरील सरकारचे वैधानिक नियंत्रण

    (ड) गोडबोले समितीचा अहवाल

    (इ) भारतातील सहकारी चळवळीचे दोष

    (फ) महाराष्ट्र राज्य सहकारी संस्था कायदा, १९६०मधील सहकारी संस्था नोंदणीसंबंधी तरतूदीमधील दुरूस्त्या

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[3870]-114

M. Com. (Semester - I) Examination - 2010
CO-OPERATION AND RURAL DEVELOPMENT
SPECIAL PAPER - II
ORGANISATION OF CO-OPERATIVE BUSINESS
(Group - F)
(2008 Pattern)

Time : 3 Hours]   **[Max. Marks : 100**

Instructions :

    (1)   All questions are compulsory.

    (2)   Figures to the right indicate full marks.

Q.1) Explain Need of Professionalisation of Co-operative Management. What are the constraints in Professionalisation of Co-operative Management in India ?   **[20]**

OR

Q.1) Discuss advantages and problems of Integrating the Principles of Management and Co-operation.   **[20]**

Q.2) Describe Organisation Structure of Co-operative Banks in Maharashtra.   **[20]**

OR

Q.2) Explain System of Co-operative Audit in India. What are its drawbacks ?   **[20]**

Q.3) State Need for Co-operative Training. Explain Role of National Council for Co-operative Training.   **[20]**

OR

Q.3) Explain Role of Vaikunthbhai Mehata National Co-operative Institute in Co-operative Education.   **[20]**

Q.4) Discuss progress and problems of Co-operative Sugar Factories in India. **[20]**

OR

Q.4) State various Non-agricultural Credit Co-operatives. Explain progress and problems of Salary Earners Credit Co-operative Societies in Maharashtra. **[20]**

Q.5) Write notes : **(Any Four)** **[20]**

    (a)   Role of Leadership in Co-operative Organisation

    (b)   District Co-operative Union

    (c)   Importance of Co-operative Education

    (d)   Problems of Dairy Co-operatives

    (e)   Defects of Sugar Co-operatives in Maharashtra

    (f)   Importance of Job Oriented Co-operative Training

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मराठी रुपांतर

वेळ : 3 तास]   [एकूण गुण : 100

सूचना :

(1) सर्व प्रश्न सोडविणे अनिवार्य आहे.

(2) उजवीकडील अंक प्रश्नांचे पूर्ण गुण दर्शवितात.

(3) संदर्भासाठी मूळ इंग्रजी प्रश्नपत्रिका पहावी.

प्र.1) सहकारी संस्थांच्या व्यवस्थापनाच्या व्यावसायीकरणाची गरज स्पष्ट करा. भारतातील सहकारी संस्थाच्या व्यवस्थापनाच्या व्यावसायीकरणातील अडथळे कोणते आहेत ? **[20]**

किंवा

प्र.1) व्यवस्थापन आणि सहकाराच्या तत्त्वांच्या जुळणीचे फायदे आणि समस्यांची चर्चा करा. **[20]**

प्र.2) महाराष्ट्रातील सहकारी बँकांच्या संघटन रचनेचे वर्णन करा.   **[20]**

किंवा

प्र.2) भारतातील सहकारी अंकेक्षण व्यवस्था स्पष्ट करा. तीचे दोष कोणते आहेत ? **[20]**

प्र.3) सहकारी प्रशिक्षणाची गरज सांगा. राष्ट्रीय सहकारी प्रशिक्षण मंडळाची सहकारी प्रशिक्षणातील भूमिका स्पष्ट करा.   **[20]**

किंवा

प्र.3) सहकारी शिक्षणातील वैकुंठभाई मेहता संस्थेची भूमिका स्पष्ट करा.   **[20]**

प्र.4) भारतातील सहकारी साखर कारखान्यांच्या प्रगती आणि समस्यांची चर्चा करा. **[20]**

किंवा

प्र.4) विविध बिगरकृषी सहकारी पतपुरवठा संस्था सांगा. महाराष्ट्रातील पगारदार नोकरवर्ग सहकारी पतसंस्थांची प्रगती आणि समस्या स्पष्ट करा. **[20]**

प्र.5) टिपा लिहा : **(कोणत्याही चार)** **[20]**

(अ) सहकारी संघटनेतील नेतृत्वाची भूमिका

(ब) जिल्हा सहकारी संघ

(क) सहकारी शिक्षणाचे महत्त्व

(ड) दुग्ध सहकारी संस्थांच्या समस्या

(इ) महाराष्ट्रातील सहकारी साखर कारखान्यांचे दोष

(फ) रोजगाराभिमुख सहकार प्रशिक्षणाचे महत्त्व

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M. Com. (Semester - I) Examination - 2010
ADVANCED BANKING AND FINANCE
SPECIAL PAPER - I
LEGAL FRAMEWORK OF BANKING
(Group - G)
(2008 Pattern)

Time : 3 Hours]　　　　　　　　　　　　[Max. Marks : 100

Instructions :

　　(1)　All questions are compulsory.

　　(2)　Figures to the right indicate full marks.

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Q.1) Explain in detail the Forms of Business, a Banking Company may engage in as per the Banking Regulation Act, 1949.　**[20]**

OR

Q.1) Explain in detail powers that the Banking Regulation Act, 1949 confers on the Reserve Bank of India pertaining to Control over Management. **[20]**

Q.2) Define the following Negotiable Instruments as per the Negotiable Instruments Act, 1881 :　**[20]**

　(a)　Promissory Note

　(b)　Bill of Exchange

　(e)　Cheque

OR

Q.2) Explain in detail all the provisions of the Negotiable Instruments Act, 1881 pertaining to 'Noting and Protest'.　**[20]**

Q.3) Explain in detail provisions of the Reserve Bank of India Act, 1934 relating to the Composition of Central and Local Boards of the RBI. **[20]**

OR

Q.3) Define 'Current Account Transactions', 'Foreign Exchange' and 'Person' as per the Foreign Exchange Management Act, 1999. **[20]**

Q.4) Define 'Securitisation and spell out the power of the RBI as per the Secutitisation and Reconstruction of Financial Assets and Enforcement of Security Interest Act, 2002 (SARFAESI, 2002). **[20]**

OR

Q.4) Explain in detail provisions pertaining to the Registration of Securitisation Companies or Reconstruction Companies as spelt out in Secutitisation and Reconstruction of Financial Assets and Enforcement of Security Interest Act, 2002 (SARFAESI, 2002). **[20]**

Q.5) Write notes : **(Any Two)** **[20]**

    (a)   Holder in Due Course and Payment in Due Course

    (b)   Penalties spelt out under the Foreign Exchange Management Act, 1999

    (c)   Definition of 'Property' and 'Qualified Institutional Buyer' as per SARFAESI, 2002

    (d)   Collection and Furnishing of Credit Information

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मराठी रूपांतर

वेळ : 3 तास]   [एकूण गुण : 100

सूचना :

   (1) सर्व प्रश्न सोडविणे आवश्यक आहे.

   (2) उजवीकडील अंक प्रश्नांचे पूर्ण गुण दर्शवितात.

   (3) संदर्भासाठी मूळ इंग्रजी प्रश्नपत्रिका पहावी.

प्र.1) बँकिंग नियमन कायदा, १९४९ नुसार बँकिंग कंपनी कोणत्या प्रकारचे व्यवसाय करु शकते ते स्पष्ट करा.   **[20]**

किंवा

प्र.1) बँकांच्या व्यवस्थापनावरील नियंत्रण या संदर्भात बँकिंग नियमन कायदा, १९४९ भारतीय रिझर्व्ह बँकेस कोणते अधिकार देतो ते स्पष्ट करा.   **[20]**

प्र.2) चलनक्षम दस्तऐवज कायदा, १८८१ नुसार पुढील चलनक्षम दस्तऐवजांची व्याख्या करा :   **[20]**

   (अ) वचनचिठ्ठी

   (ब) विनिमय पत्र

   (क) धनादेश

किंवा

प्र.2) चलनक्षम दस्तऐवज कायदा, १८८१ मधील 'नोंदणी व निषेध' या संदर्भातील सर्व तरतूदी स्पष्ट करा.   **[20]**

प्र.3) भारतीय रिझर्व्ह बँक कायदा, १९३४ नुसार रिझर्व्ह बँकेच्या मध्यवर्ती व स्थानिक मंडळांची रचना या संदर्भातील तरतूदी स्पष्ट करा. **[20]**

<p align="center">किंवा</p>

प्र.3) परकीय चलन व्यवस्थापन कायदा, १९९९ नुसार 'चालू खात्यावरील व्यवहार', 'परकीय विनिमय' व 'व्यक्ती' यांच्या व्याख्या लिहा. **[20]**

प्र.4) तारणीकरणाची व्याख्या द्या व तारणीकरण व वित्तीय मालमत्तेची पुनर्रचना आणि तारणातील हितसंबंधाच्या अंमलबजावणीचा कायदा, २००२ नुसार भारतीय रिझर्व्ह बँकेचे अधिकार नमूद करा. **[20]**

<p align="center">किंवा</p>

प्र.4) तारणीकरण कंपन्या किंवा पुनर्रचना कंपन्यांच्या नोंदणीकरणासंदर्भातील तारणीकरण व वित्तीय मालमत्तेची पुनर्रचना आणि तारणातील हितसंबंधाच्या अंमलबजावणीचा कायदा, २००२ मधील तरतूदी स्पष्ट करा. **[20]**

प्र.5) टिपा लिहा : (**फक्त दोन**) **[20]**

    (अ) यथाविधीधारक आणि यथाविधीप्रदान

    (ब) परकीय चलन व्यवस्थापन कायदा, १९९९ मधील नमूद केलेले दंड

    (क) तारणीकरण कायदा, २००२ नुसार 'मालमत्ता' व 'पात्र संस्थात्मक खरेदीदार' यांच्या व्याख्या

    (ड) पतविषयक माहिती गोळा करणे व देणे

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[3870]-116

M. Com. (Semester - I) Examination - 2010
ADVANCED BANKING AND FINANCE
SPECIAL PAPER - II
CENTRAL BANKING
(Group - G)
(2008 Pattern)

Time : 3 Hours]   [Max. Marks : 100

Instructions :

    (1)   All questions are compulsory.

    (2)   Figures to the right indicate full marks.

Q.1) Explain need and rationale of Central Bank.   **[20]**

<div align="center">OR</div>

Q.1) Explain Reserve Bank of India as Currency Authority.   **[20]**

Q.2) Discuss role of the Reserve Bank of India in Maintenance of Government Account.   **[20]**

<div align="center">OR</div>

Q.2) Explain role of Reserve Bank of India in Management of Public Debt.   **[20]**

Q.3) Explain the following aspects :   **[20]**

    (a)   Opening of New Banks

    (b)   Branch Licencing

<div align="center">OR</div>

Q.3) Explain the following aspects : **[20]**

    (a)   Cash Reserves and Liquid Assets

    (b)   Capital and Reserves

Q.4) Explain the following aspects : **[20]**

    (a)   Subsidiaries of Commercial Banks

    (b)   Inspection of Banks

<div align="center">

OR

</div>

Q.4) Explain measures taken by the Reserve Bank of India for Supervision over NBFCs. **[20]**

Q.5) Write notes : **(Any Two)** **[20]**

    (a)   Evolution of Central Bank

    (b)   Recent Developments in Currency Management

    (c)   Licencing of Banks

    (d)   Control Over Management

<div align="center">

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[3870]-116

मराठी रुपांतर

वेळ : 3 तास]   [एकूण गुण : 100

सूचना :

    (1) सर्व प्रश्न सोडविणे आवश्यक आहे.

    (2) उजवीकडील अंक प्रश्नांचे पूर्ण गुण दर्शवितात.

    (3) संदर्भासाठी मूळ इंग्रजी प्रश्नपत्रिका पहावी.

प्र.1) भारतीय मध्यवर्ती बँकेची गरज आणि तर्काधिष्ठितता स्पष्ट करा.   **[20]**

किंवा

प्र.1) भारतीय रिझर्व्ह बँकेचा चलननिर्मितीचा अधिकार स्पष्ट करा.   **[20]**

प्र.2) भारतीय रिझर्व्ह बँकेच्या सरकारच्या लेखा व्यवस्थापक भूमिकेची चर्चा करा. **[20]**

किंवा

प्र.2) सार्वजनिक कर्जाच्या व्यवस्थापनामधील रिझर्व्ह बँकेची भूमिका स्पष्ट करा. **[20]**

प्र.3) खालील बाबी स्पष्ट करा :   **[20]**

    (अ) नवीन बँका सुरू करणे

    (ब) शाखा परवाना देणे

किंवा

प्र.3) खालील बाबी स्पष्ट करा :   **[20]**

    (अ) रोख निधी आणि तरल मालमत्ता

    (ब) भांडवल आणि राखीव निधी

प्र.4) खालील बाबी स्पष्ट करा :					[20]

(अ)	व्यापारी बँकांच्या दुय्यम संस्था

(ब)	बँकांची तपासणी

किंवा

प्र.4) भारतीय रिझर्व्ह बँकेने बँकेत्तर वित्तीय कंपन्यांच्या पर्यवेक्षणासाठी केलेल्या उपाययोजना स्पष्ट करा.					[20]

प्र.5) टिपा लिहा : (**कोणत्याही दोन**)					[20]

(अ)	मध्यवर्ती बँकेची उत्क्रांती

(ब)	अलीकडील काळातील चलन व्यवस्थापन

(क)	बँकांना परवाना देणे

(ड)	व्यवस्थापनावरील नियंत्रण

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Total No. of Questions : 5]   [Total No. of Printed Pages : 2

[3870]-117

M. Com. (Semester - I) Examination - 2010
ADVANCED MARKETING
SPECIAL PAPER - I
MARKETING TECHNIQUES
(Group - H)
(2008 Pattern)

Time : 3 Hours]   [Max. Marks : 100

Instructions :

    (1)   All questions are compulsory.

    (2)   Figures to the right indicate full marks.

Q.1) Define Marketing and explain objectives and significance of Marketing.   **[20]**

OR

Q.1) Explain Internal and External factors of Marketing Environment.   **[20]**

Q.2) Define Product Planning and Development and state steps of Product Planning and Development Programme.   **[20]**

OR

Q.2) Explain various methods of Pricing.   **[20]**

Q.3) What factors are considered while selecting Channel of Distribution ? **[20]**

OR

Q.3) Define Sales Organisation and explain elements and importance of Sales Organisation.   **[20]**

Q.4) Discuss role and functions of Advertising in Modern Marketing. **[20]**

OR

Q.4) Define Market Segmentation and explain essentials of Market Segmentation and different ways to Market Segmentation. **[20]**

Q.5) Write short notes : **(Any Four)** **[20]**

(a) Importance of Branding

(b) Techniques of Marketing Research

(c) Components of MIS

(d) Rural Marketing

(e) Marketing Communication

(f) Product Mix

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[3870]-117

मराठी रूपांतर

वेळ : 3 तास]   [एकूण गुण : 100

सूचना :

    (1) सर्व प्रश्न सोडविणे आवश्यक आहे.

    (2) उजवीकडील अंक प्रश्नांचे पूर्ण गुण दर्शवितात.

प्र.1) विपणनाची व्याख्या सांगून विपणनाची उद्दिष्ट्ये व महत्त्व स्पष्ट करा.   [20]

किंवा

प्र.1) विपणन पर्यावरणाचे अंतर्गत व बहिर्गत घटक स्पष्ट करा.   [20]

प्र.2) उत्पादन नियोजन व विकासाची व्याख्या सांगून उत्पादन नियोजन व विकास कार्यक्रमाच्या पायऱ्या सांगा.   [20]

किंवा

प्र.2) किंमत निर्धारणाच्या विविध पद्धती स्पष्ट करा.   [20]

प्र.3) वितरण साखळीची निवड करतांना कोणते घटक विचारात घ्यावे लागतात, ते स्पष्ट करा.   [20]

किंवा

प्र.3) विक्रय संघटनेची व्याख्या सांगून विक्रय संघटनेचे घटक आणि महत्त्व स्पष्ट करा.   [20]

प्र.4) जाहिरातीची आधुनिक विपणनातील भूमिका व कार्ये यासंबंधी चर्चा करा.   [20]

किंवा

प्र.4) बाजारपेठ विभागीकरणाची व्याख्या द्या. बाजारपेठ विभागीकरणाच्या आवश्यक बाबी सांगून बाजारपेठ विभागीकरणाचे विविध मार्ग स्पष्ट करा.   [20]

प्र.5) थोडक्यात टिपा लिहा : **(कोणत्याही चार)** [20]

(अ) मुद्रीकरणाचे महत्त्व

(ब) विपणन संशोधनाची तंत्रे

(क) माहिती प्रणालीचे घटक

(ड) ग्रामीण विपणन

(इ) विपणन संज्ञापन

(फ) उत्पादन मिश्रण

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Total No. of Questions : 5]   [Total No. of Printed Pages : 2

[3870]-118

M. Com. (Semester - I) Examination - 2010
ADVANCED MARKETING
SPECIAL PAPER - II
CONSUMER BEHAVIOUR
(Group - H)
(2008 Pattern)

Time : 3 Hours]   [Max. Marks : 100

Instructions :

    (1)   All questions are compulsory.

    (2)   All questions carry equal marks.

Q.1) Explain the term 'Consumer Behaviour'. Explain need and importance of studying Consumer Behaviour under Marketing Management.

OR

Q.1) Write notes on :

    (a)   Role of Family Members in Decision-making Process of Consumers

    (b)   Consumer's Perception of Risk

Q.2) Describe various stages in Consumer's Perception Process.

OR

Q.2) Write notes on :

    (a)   Elements of Learning Process

    (b)   Cognitive Theory of Learning

Q.3) Define 'Attitude'. What are the factors involved in Attitude Formation ?

OR

Q.3) Write notes :

    (a)   Relationship between Attitudes and Consumer Behaviour

    (b)   Value of Consumer Research

Q.4) Describe in detail Consumer Research Process.

OR

Q.4) Write notes :

    (a)   Marketing Application of Maslow's Theory of Motivation

    (b)   Positive and Negative Motivation

Q.5) Write short notes : **(Any Four)**

    (a)   Role of Indian Government in Consumer Protection

    (b)   Business Ethics

    (c)   Methods of Collecting Primary Data

    (d)   Role of Marketing in Service Sector

    (e)   Rural Consumer

[3870]-118

मराठी रुपांतर

वेळ : 3 तास]   [एकूण गुण : 100

सूचना :

(1) सर्व प्रश्न सोडविणे आवश्यक आहे.

(2) सर्व प्रश्नांना समान गुण आहेत.

(3) संदर्भासाठी मूळ इंग्रजी प्रश्नपत्रिका पहावी.

प्र.1) 'ग्राहकाचे वर्तन' ही संकल्पना स्पष्ट करा. विपणन व्यवस्थापनामध्ये ग्राहकाच्या वर्तनाचा अभ्यास करण्याची गरज व महत्त्व स्पष्ट करा.

किंवा

प्र.1) टिपा लिहा :

(अ) ग्राहकाच्या निर्णय प्रक्रियेमधील कुटुंबातील सभासदांची भूमिका

(ब) ग्राहकाचे धोक्यांसंबंधीचे संवेदन

प्र.2) ग्राहकाच्या संवेदन प्रक्रियेमधील विविध पायऱ्या स्पष्ट करा.

किंवा

प्र.2) टिपा लिहा :

(अ) अध्ययन प्रक्रियेमधील घटक

(ब) अध्ययनाचा बोधनिक सिद्धांत

प्र.3) 'अभिवृत्ती'ची व्याख्या करा. अभिवृत्ती निर्मितीमधील घटक स्पष्ट करा.

किंवा

प्र.3) टिपा लिहा :

    (अ) 'अभिवृत्ती व ग्राहकाचे वर्तन' यातील संबंध

    (ब) ग्राहक संशोधनाचे मूल्य

प्र.4) ग्राहक संशोधन प्रक्रियेचे सविस्तर वर्णन करा.

किंवा

प्र.4) टिपा लिहा :

    (अ) मास्लोच्या प्रेरणाविषयक सिद्धांताचे विपणनातील उपयोजन

    (ब) सकारात्मक व नकारात्मक संप्रेरण

प्र.5) थोडक्यात टिपा लिहा : **(कोणत्याही चार)**

    (अ) भारत सरकारची ग्राहक संरक्षणामधील भूमिका

    (ब) व्यावसायिक नीतीमूल्ये

    (क) प्राथमिक माहिती गोळा करण्याच्या पद्धती

    (ड) सेवा क्षेत्रातील विपणनाची भूमिका

    (इ) ग्रामीण ग्राहक

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[3870]-151

M. Com. (E-Commerce) (Semester - I) Examination - 2010
PERSPECTIVES OF COMMERCIAL AND BUSINESS GROWTH

(2008 Pattern)

Time : 3 Hours]   [Max. Marks : 70

Instructions :

(1)   All questions are compulsory.

(2)   Figures to the right indicate full marks.

Q.1) State and explain Objectives of Business.   **[14]**

OR

Q.1) What are the Challenges of Globalisation ?   **[14]**

Q.2) Define the term Business Environment. Explain uncontrollable factors
of Business Environment.   **[14]**

OR

Q.2) Write a detailed note on 'the case for and the case against Small
Industries'.   **[14]**

Q.3) "There is much scope for improving efficiency and working of
Public Sector Enterprises." Discuss.   **[14]**

OR

Q.3) Narrate achievements of the new agricultural strategy in connection
with Green Revolution.   **[14]**

Q.4) "The Indian Business has some interesting and unique features."
Explain.   **[14]**

OR

Q.4) What are the major areas of the economic reforms introduced after
1991 ?   **[14]**

Q.5) Write short notes : **(Any Two)** [14]

    (a) Significance of Joint Ventures

    (b) Characteristics of Multinational Company

    (c) Importance of Information Technology Revolution

    (d) Significance of Venture Capital

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[3870]-151

मराठी रूपांतर

वेळ : 3 तास]   [एकूण गुण : 70

सूचना :

    (1) सर्व प्रश्न सोडविणे आवश्यक आहे.

    (2) उजवीकडील अंक प्रश्नांचे पूर्ण गुण दर्शवितात.

प्र.1) व्यवसायाची उद्दिष्टे सांगून स्पष्ट करा.   **[14]**

<div align="center">किंवा</div>

प्र.1) जागतिकीकरणाची आव्हाने कोणती ते सांगा.   **[14]**

प्र.2) व्यावसायिक पर्यावरण संकल्पनेची व्याख्या द्या. व्यावसायिक पर्यावरणाचे नियंत्रणबाह्य
      घटक स्पष्ट करा.   **[14]**

<div align="center">किंवा</div>

प्र.2) 'लघु उद्योगाच्या बाजूने व विरोधात केस' यावर टीप लिहा.   **[14]**

प्र.3) "सार्वजनिक क्षेत्रातील उपक्रमांची कार्यक्षमता आणि कामकाज यामध्ये सुधारणा
      घडवून आणण्यास भरपूर वाव आहे." चर्चा करा.   **[14]**

<div align="center">किंवा</div>

प्र.3) हरित क्रांतीच्या संदर्भातील कृषीविषयक डावपेचांचे यश काय ते सांगा.

प्र.4) "भारतीय उद्योगांची वैशिष्ट्ये मनोरंजक आणि अद्वितीय आहेत." स्पष्ट करा.   **[14]**

<div align="center">किंवा</div>

प्र.4) १९९१नंतर अमलात आणलेल्या आर्थिक सुधारणांच्या प्रमुख बाबी कोणत्या
      ते सांगा.   **[14]**

प्र.5) थोडक्यात टिपा लिहा : (**कोणत्याही दोन**)   **[14]**

(अ)   संयुक्त प्रकल्पांचे महत्व

(ब)   बहुराष्ट्रीय कंपन्यांची वैशिष्ट्ये

(क)   माहिती तंत्रज्ञान क्रांतीचे महत्व

(ड)   साहस भांडवलाचे (Venture Capital) महत्त्व

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Total No. of Questions : 4]   [Total No. of Printed Pages : 3

[3870]-152

M. Com. (E-commerce) (Semester - I) Examination - 2010
STATISTICAL METHODS AND ANALYSIS

Time : 3 Hours]   [Max. Marks : 70

Instructions :

    (1) All questions are compulsory.

    (2) Figures to the right indicate full marks.

    (3) Use of statistical table and calculators is allowed.

    (4) Symbols and abbreviations have usual meanings.

Q.1) Attempt **any five** of the following :   **[02 each]**

    (a) Explain the term Simulation.

    (b) Explain Concept of Multiple Regression.

    (c) Define Time Series.

    (d) Explain two types of errors in Testing of Hypothesis.

    (e) State Additive and Multiplicative Models used in Time Series Analysis.

    (f) Explain Concept of Partial Correlation.

    (g) Explain the terms Null Hypothesis and Alternative Hypothesis.

    (h) State Additive Property of Normal Distribution.

Q.2) Attempt **any two** of the following :   **[10 each]**

    (a) (i) Define Normal Probability Distribution and state its important properties.

        (ii) Explain procedure to test significance of population mean, when sample size n is small and population standard deviation is unknown.

(b) (i) In a trivariate data;

$r_{12} = 0.7$; $r_{13} = r_{23} = 0.5$

Compute $R_{1.23}$ and $r_{13.2}$

(ii) Describe in brief Pseudo Random Numbers Generator.

(c) The following data gives sales in thousand Rs. of a company for the years 1985-1994 :

Year (t)	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
Sales (y)	50	82	65	86	70	52	90	65	87	43

Compute 3-yearly moving averages and plot original data along with 3-yearly moving averages.

Q.3) Attempt **any two** of the following : **[10 each]**

(a) (i) Describe Least Square Method used for the estimation of linear trend.

(ii) Describe chi-square test for goodness of fit.

(b) (i) State formulae for all multiple and partial correlation coefficients in case of trivariate data.

(ii) Ten cartons were selected at random from an automatic filling machine.

The average net weight of ten cartons was found to be 11.8 gm with standard deviation 0.15 gm. Does the sample mean differ significantly from the prescribed weight 12 gm at 5% level of significance.

(c) (i) Explain procedure to test significance of Population Proportion.

(ii) There are 1,000 students of a certain age group in the University and it is known that their weights are normally distributed with mean 55 kg and standard deviation 4.5 kg. Find number of students having weight less than 48 kg.

Q.4) Attempt **any two** of the following :   **[10 each]**

   (a)   (i)   State merits and demerits of Moving Average Method.

          (ii)   Explain in brief Monte-Carlo Simulation Technique.

   (b)   (i)   Explain Concept of Autoregressive Models used in Time Series Analysis.

          (ii)   A group of 50 men and 60 women was asked to indicate their preference between two brands of perfume. The results are as below :

	Brand A	Brand B
Men	20	30
Women	10	50

          Test hypothesis that preference for a particular brand of perfume is not related to sex at 5% level of significance.

   (c)   From the following data on X_1 : yield of a crop in quintals, X_2 : spring rainfall in cms. and X_3 : the accumulated temperature above 5°C; for a sample of 20 years.

$$\overline{X}_1 = 28 \quad ; \quad \overline{X}_2 = 4.9 \quad ; \quad \overline{X}_3 = 5.9$$

$$\sigma_1 = 4.4 \quad ; \quad \sigma_2 = 1.1 \quad ; \quad \sigma_3 = 85$$

$$r_{12} = 0.8 \quad ; \quad r_{13} = 0.4 \quad ; \quad r_{23} = 0.6$$

Obtain equation of plane of regression of X_1 on X_2 and X_3.

Estimate X_1 for $X_2 = 6.5$ cm and $X_3 = 6$°C.

_____

[3870]-153

M. Com. (E-commerce) (Semester - I) Examination - 2010

ACCOUNTING FOR MANAGEMENT

Time : 3 Hours]   **[Max. Marks : 70**

Instruction :

All questions are compulsory and carry equal marks.

Q.1) Define the term 'Management Accounting'. How does it differ from Financial Accounting ?

OR

Q.1) What is Ratio Analysis ? Explain its importance in Analysis and Interpretation of Financial Statements ? Describe limitations of such Analysis.

Q.2) The following are the Balance Sheets of SPC Limited, Pune, prepared as on 31st March, 2008 and 31st March, 2009 :

Liabilities	31-03-08	31-03-09	Assets	31-03-08	31-03-09
Share Capital	8,00,000	11,00,000	Plant and Machinery	3,00,000	4,40,000
Share Premium	–	50,000	Land and Building	5,00,000	7,80,000
Profit and Loss A/c.	1,30,000	1,56,000	Furniture	2,00,000	1,80,000
Mortgaged Loan	2,50,000	2,00,000	Sundry Debtors	1,73,000	2,22,000
15% Debentures	2,50,000	4,50,000	Bills Receivables	66,000	60,000
Sundry Creditors	1,34,000	1,48,000	Stock	2,07,000	2,48,000
Bills Payables	56,000	65,000	Cash and Bank	1,80,000	2,62,000
Provision for Taxation	46,000	53,000	Preliminary Expenses	40,000	30,000
Total	**16,66,000**	**22,22,000**	**Total**	**16,66,000**	**22,22,000**

You are required to prepare Fund Flow Statement with necessary working notes after considering the following information :

(1) Dividend was distributed on the shares @ 10%.

(2) Plant and Machinery and Furniture was depreciated by 10% and Land and Building was depreciated by 5%.

(3) During the year a new building was constructed for the office. The part payment was made in the form of 15% Debentures and the Balance Payment was made in cash.

(4) During the year Rs. 50,000 are paid by Way of Taxes.

(5) During the year a machine costing Rs. 60,000 having depreciated up to 70% and valued at Rs. 30,000 was exchanged for the new machine.

The Balance Payment of the new machine was made in cash.

Q.3) From the different ratios given below, complete Balance Sheet with as many details as possible :

- Sales to Total Assets   3

- Sales to Fixed Assets   5

- Current Assets are 2/3rd of the Fixed Assets

- Inventory Turnover Ratio   20

- Debtors Turnover Ratio   15

- Total Assets to Net Worth   4

- Debt Equity Ratio   1

- Sales during the year are Rs. 6,00,000.

- Gross Profit Ratio is 25%.

OR

Q.3) The following information is extracted from the cost records of SPC Limited in respect of the two products - 'A' and 'B' :

Particulars	Product 'A' (Rs.)	Product 'B' (Rs.)
Sales Price	150	150
Direct Material @ Rs. 15 per unit	60	45
Direct Labour Cost @ Rs. 10 per hour	30	50
Overheads	30	40
Output	400 units	400 units

60% and 70% of the overheads are fixed for product 'A' and 'B' which should be increased by 20% and 30% respectively for the analysis.

You are required to analyse above data and find out which product is better in the following different situations by finding out the net profit, if the output of any one unit can be total of the current output of both the products :

(1) If the total sales in units is the key factor.

(2) If the total sales in value is the key factor.

(3) If the raw material is in short supply.

(4) If the labour hours are limited.

(5) If the maximum raw material available is 2,000 kg and maximum possible sale of both the products is 500 units each.

Q.4) The following estimated information is provided by Mr. CA :

Months	Sales	Factory Overheads	Office Overheads
February	3,60,000	45,000	18,000
March	2,70,000	45,000	12,000
April	3,60,000	23,000	18,500
May	4,20,000	43,000	19,000
June	3,90,000	34,000	22,000
July	4,50,000	43,000	20,000
August	3,60,000	44,000	18,000

Additional Information :

(1) 30% of the sales are cash sales. 70% of the credit sales are recovered in the next month while the remaining two months after.

(2) Goods are sold at 50% above the purchase price. The purchases are made one month in advance of the estimated sales and are paid two months after.

(3) Wages are 20% of the purchases and are paid on every 10th day of the next month.

(4) Factory and Office Overheads are fixed to the extent of 20% and 60% respectively, which are paid one month in arrear.

(5) Variable Overheads are paid in the same month.

(6) Advance Income Tax Rs. 40,000 is to be deposited in the month of June. Interest on 20,000, 14% Convertible Debentures of Rs. 10 each, issued 2 years back at 50% premium, is due on 30th June and 31st December every year.

(7) Balance as on 31st March was Rs. 50,000.

You are required to prepare Cash Budget for the period from 1st April to 31st July.

OR

Q.4) Define the terms 'Marginal Cost' and 'Marginal Costing'. Explain their applications in Managerial Decision-making.

Q.5) Answer **any two** of the following :

(a) Distinguish between Management Accounting and Financial Accounting.

(b) Explain objectives and limitations of Financial Statement Analysis.

(c) Explain Concepts - 'Fixed Budget' and 'Flexible Budge'.

Total No. of Questions : 5]   [Total No. of Printed Pages : 2

[3870]-154

M. Com. (E-commerce) (Semester - I) Examination - 2010

ORGANISATIONAL DEVELOPMENT AND CHANGE MANAGEMENT

Time : 3 Hours]   **[Max. Marks : 70**

Instructions :

       (1)   All questions are compulsory.

       (2)   All questions carry equal marks.

Q.1) Explain meaning of the term Organisational Development. What are the phases of Organisational Development ?

OR

Q.1) What do you mean by the term Organisational Change and Organisational Development ? Explain difference between the two.

Q.2) What are the different types of Cultures that may exist in the Organisation ? What are the methods to Change Organisational Culture ?

OR

Q.2) Explain Concept of Resistance to Change. What are the sources of Resistance to Change ?

Q.3) Define the term Creativity. What is the role and importance of Creativity in Organisational Development ?

OR

Q.3) Explain the term Organisational Climate. State factors that effect Climate of Work Organisation.

Q.4) How the Training Needs can be assessed ? What are the determinants for identification of Training Needs ?

OR

Q.4) Discuss role of Organisational Development in the improvement of Organisation. How does it differ from Management Development ?

Q.5) Write short notes : **(Any Two)**

    (a)   Role of Change Agents

    (b)   Importance of Innovations in Business

    (c)   Utility of Training

    (d)   Salient Features of Learning Curve

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Total No. of Questions : 4]   [Total No. of Printed Pages : 2

[3870]-155

M. Com. (E-commerce) (Semester - I) Examination - 2010
COMPUTER APPLICATIONS IN BUSINESS

Time : 3 Hours]   [Max. Marks : 70

Instructions :

    (1)   *Attempt all questions.*

    (2)   *Figures to the right indicate full marks.*

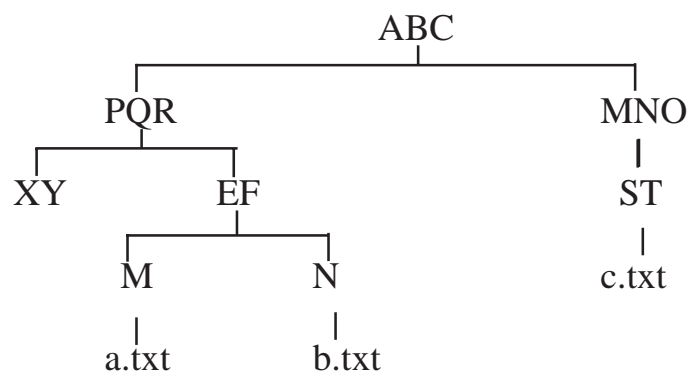**Q.1)** Solve **any one** :   **[10]**

   (a)   What is Computer ? Explain its block diagram and write characteristics of Computer.

   (b)   What is Network ? Explain in detail all types of Networks.

Q.2) Solve **any five** :   **[5x4=20]**

   (a)   Write a short note on www.

   (b)   Define Operating System and explain all functions of Operating System.

   (c)   What is Software ? Explain types of Softwares.

   (d)   Write a short note on Telecommunication.

   (e)   What is Batch File ? Write down the steps for creating Batch File.

   (f)   Write down the steps for creating the following directories structure :

```
                        ABC
            ┌────────────┴────────────┐
          PQR                        MNO
       ┌───┴───┐                      │
      XY       EF                     ST
           ┌───┴───┐                  │
           M       N                c.txt
           │       │
         a.txt   b.txt
```

Q.3) Solve **any five** :   **[5x4=20]**

(a) Explain statistical functions used in Excel.

(b) Write down the types of charts used in Excel.

(c) Write down the advantages of Power Point in Business.

(d) Write down the steps required to add Header and Footnotes in Word Documents.

(e) What is a Tool Bar ? Explain functions provided on Standard Tool Bar in Word Document.

(f) Explain logical functions used in Excel.

Q.4) Solve **any five** :   **[5x4=20]**

(a) Write steps for creating Table in Access and steps for modefying Table Structure.

(b) Define the following :

    (i) Data

    (ii) Information

    (iii) Table

    (iv) Record

    (v) Field

(c) What is LAN ? Explain components of LAN.

(d) Write a short note on Data Components of Computer System.

(e) Write a short note on Windows Operating System.

(f) Write a short note on Word Processing.

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[3870]-156

M. Com. (E-commerce) (Semester - I) Examination - 2010

E-COMMERCE TECHNOLOGY

Time : 3 Hours]　　　　　　　　　　　　　　　[Max. Marks : 70

Instructions :

　　(1)　All questions are compulsory.

　　(2)　Draw neat labelled diagram if necessary.

Q.1) What is Encryption and Decryption ? Explain Secret Key Encryption, Public Key Encryption and Digital Signature. **[10]**

OR

Q.1) What is EDI ? What are applications of EDI and what are limitations of EDI ? **[10]**

Q.2) Answer the following in brief : **[20]**

　　(a)　Differentiate between Intranet and Extranet.

　　(b)　What are different benefits of Website ?

　　(c)　Explain the terms Internet Service Provider, B2B, B2C.

　　(d)　Explain different E-commerce Website Design Strategies.

　　(e)　What is E-commerce ? Explain advantages of E-commerce.

Q.3) Answer the following : **(Any Four)** [20]

    (a)   Explain E-governance of India.

    (b)   What are Pros and Cons of Online Shopping ?

    (c)   What are different types of Threats ?

    (d)   What are different types of Electronic Payment Systems ?

    (e)   Explain different goals of E-commerce.

Q.4) Write short notes : **(Any Four)** [20]

    (a)   www and different Domain Names

    (b)   Internet Marketing Techniques

    (c)   Electronic Fund Transfer

    (d)   Credit Card System

    (e)   Firewall

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Total No. of Questions : 5]   [Total No. of Printed Pages : 2

[3870]-161

M.C.A. (Commerce Faculty) (Semester - I) Examination - 2010

**INFORMATION COMMUNICATION
TECHNOLOGIES IN BUSINESS**

Time : 3 Hours]   [Max. Marks : 80

Instruction :

All questions are compulsory.

Q.1) (A) Give need and function of Letter Writing.   **[08]**

 (B) What is Cross-cultural Communication ? Give its advantages and
      disadvantages.   **[08]**

OR

Q.1) (A) Explain Audio and Video Conferencing.   **[08]**

 (B) How to make Oral Communication effective ?   **[08]**

Q.2) (A) Explain Concept of NIC.   **[08]**

 (B) Give Process of Communication.   **[08]**

OR

Q.2) (A) Give History and Development of IT.   **[08]**

 (B) How to Integrate Information Technology in Business ?   **[08]**

Q.3) (A) Define Networking. Explain WAN in detail.   **[08]**

 (B) Give examples of Communication Software with its advantages
      and disadvantages.   **[08]**

OR

Q.3) (A) What are the types of Business Letters ? Explain.   **[08]**

 (B) Differentiate between Internal and External Communication.   **[08]**

Q.4) (A) Explain Listening with its principles. **[08]**

(B) Explain Mobile Communication. **[08]**

OR

Q.4) (A) Define Report Writing. Explain with suitable example. **[08]**

(B) Explain Television and Radio Transmission. **[08]**

Q.5) Write short notes : **(Any Four)** **[16]**

(a) VPN

(b) Internal Communication

(c) Formal Communication

(d) Telnet

(e) Art of Listening

Total No. of Questions : 5]   [Total No. of Printed Pages : 2

[3870]-162

M.C.A. (Commerce Faculty) (Semester - I) Examination - 2010

SYSTEMS ORGANISATION AND MANAGEMENT

Time : 3 Hours]   [Max. Marks : 80

Instruction :

    All questions are compulsory.

Q.1) Answer the following : (**Any Four**)   [16]

    (a)   Define Management. State Characteristics of Management.

    (b)   What is Directing ?

    (c)   Write difference between Sales and Marketing.

    (d)   What is the information required by a Personnel Manager about System ?

    (e)   Write a note on SWOT Analysis.

Q.2) Attempt **any two** of the following :   [16]

    (a)   What is Information and Technology ? Write information required by each Level of Management.

    (b)   "Information System Management is the backbone of Global Industry." Explain and prove.

    (c)   What is Motivation ? Write Theory X and Theory Y of Motivation.

Q.3) Attempt **any four** of the following : [16]

(a) What is the role of Internet in System Organisation ?

(b) Define Customer Relation Management.

(c) Write Process of Decision-making.

(d) State Importance of Management.

(e) Write a note on Effective Communication.

Q.4) Write **any two** of the following : [16]

(a) "Selection of right person, at right time and right place is staffing." Explain briefly.

(b) What is MIS ? State role of MIS in Business Organisation.

(c) Define Leadership. What are the different types of Leaderships that can be executed in an organisation ?

Q.5) Write short notes : **(Any Four)** [16]

(a) Decision Support Systems (DSS)

(b) Characteristics of Organisation

(c) Expert Systems

(d) Formal and Informal Organisation

(e) Software and Hardware

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Total No. of Questions : 5]   [Total No. of Printed Pages : 4

[3870]-163

M.C.A. (Commerce Faculty) (Semester - I) Examination - 2010
PROGRAMMING FUNDAMENTALS
('C' PROGRAMMING)

Time : 3 Hours]   [Max. Marks : 80

Instructions :

    (1)   All questions are compulsory.

    (2)   All questions carry equal marks.

    (3)   Assume suitable data, if necessary.

Q.1) Attempt **any four** :   [4x4=16]

    (a)   Describe Structure of 'C' program.

    (b)   Define the following :

        (i)   Keywords

        (ii)   Identifiers

        (iii) Constants

        (iv) Variables

    (c)   Write a short note on Bitwise Operators.

    (d)   Explain getchar( ) and putchar( ) functions in detail.

    (e)   Explain any two Loop Control Structures in detail.

Q.2) Attempt **any four** : [4x4=16]

    (a)   Write a 'C' program to calculate sum of first and last digits of a given number.

    (b)   Write a 'C' program to print Fibonacci series up to 'n' terms using function.

    (c)   Write a 'C' program to find maximum and minimum elements from an array.

    (d)   Write a 'C' program to convert given character into upper case and vice a versa.

    (e)   Write a 'C' program to find factorial of a number using recursion.

Q.3) Attempt **any four** : [4x4-16]

    (a)   Describe different Parameter Passing Techniques used in 'C'.

    (b)   What is Pointer ? What is the use of Pointers in 'C' ?

    (c)   Explain the following string functions in detail :

        (i)   Strcpy( )

        (ii)   Strccmp( )

    (d)   What is Structure ? Explain Nested Structures in detail.

    (e)   Explain the following with examples :

        (i)   fgetc( )

        (ii)   fprintf( )

Q.4) Trace the output : **(Any Four)** [4x4=16]

    (a)   void main( )

```
{
    int x = 40;
    {
        int x = 20;
        printf("\n%d", x);
    }
    printf("\n %d", x);
}
```

(b) void main( )
```
{
    int i = 3;
    i = i++;
    printf("%d", i++);
}
```

(c) void main( )
```
{
    int a, b, x, y, * p₁ , * p₂;
        a = 12;
        b = 4;
        p₁ = &a;
        p₂ = &b;
        x = * p₁ * *p₂ – 6;
        y = 4 * – * p₂ ;
        printf("x = %d", x);
        printf("\ny = %d", y);
}
```

(d) void main( )
```
{
    float a[] = {12.4, 2.3, 4.5, 6.7};
    printf("\n %d", size of (a) / size of (a[0]));
}
```

(e) #define MAX(a, b) (a > b ? a : b)
```
void main( )
{
    int x;
    x = MAX (3 + 2, 2 + 7);
    printf("%d", x);
}
```

Q.5) Attempt **any four** :   [4x4=16]

(a) Write a 'C' program to create a structure employee having fields empid, empname, salary. Accept details of 'n' employees and display names of employees having salary greater than 10,000.

(b) Write a 'C' program to accept a string from user and print reverse of that string without using standard functions.

(c) Write a 'C' program for multiplication of two matrices using dynamic memory allocation.

(d) Write a 'C' program to append contents of one file at the end of another file.

(e) Write a 'C' program to copy contents of one file into another file using Command Line Arguments.

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Total No. of Questions : 5]   **[Total No. of Printed Pages : 4**

[3870]-164

M.C.A. (Commerce Faculty) (Semester - I) Examination : 2010
STATISTICAL AND NUMERICAL METHODS

Time : 3 Hours]   **[Max. Marks : 80**

Instructions :

> *(1)   All questions are compulsory.*
>
> *(2)   Figures to the right indicate full marks.*
>
> *(3)   Use of calculator and statistical table is allowed.*
>
> *(4)   Symbols and abbreviations have their usual meanings.*

Q.1) Attempt **any three** of the following :   **[15]**

(a)   Use Newton-Raphson's Method to find a root of the equation $x^4 + x^2 - 80 = 0$.

(b)   Find root of the equation $x^3 - 9x + 1 = 0$ between $x = 2$ and $x = 4$ using Bisection Method.

(c)   Explain Quotient Method for numerical differentiation upto and including second derivative.

(d)   Find value of $\left[\dfrac{a^x}{x + 1\,!}\right]$

(e)   Find form of the function given by :

x	0	1	2	3	4
y	3	6	11	18	27

using Lagrange's Interpolation Formula.

Q.2) Attempt **any three** of the following :   **[15]**

(a)   Estimate missing figure in the following table :

x	0	1	2	3	4
y	1	3	9	?	81

(b) From the following data, find y when x = 7.5 :

x	1	2	3	4	5	6	7	8
y	1	8	27	64	125	216	343	512

(c) Obtain Trapezoidal Rule for numerical integration from the general quadrature formula.

(d) Evaluate $\int_0^6 e^x \, dx$ by Simpson's $\frac{3}{8}$th rule

using the data

$e^1 = 2.71,$ $e^2 = 7.38,$ $e^3 = 20.08,$

$e^4 = 54.59,$ $e^5 = 148.41,$ $e^6 = 403.42.$

(e) Solve equation :

$$\frac{dy}{dx} = x + y^2$$

subject to the condition y = 1 when x = 0 by Picard's Method.

Find approximate value of y when x = 0.1 and x = 0.2.

Q.3) Attempt **any three** of the following : [15]

(a) Explain meaning of 'Time Series'. Explain method of estimating trend as a component of Time Series by Graphical Method.

(b) Explain the following terms used in the testing of Hypothesis :

(i) Null Hypothesis

(ii) Type I Error

(iii) Critical Region

(c) The following Time Series shows sales in thousands of a particular product :

Year	1	2	3	4	5	6	7	8	9
Sales	110	140	144	158	166	172	180	182	185

Fit a linear trend equation by the method of least squares.

(d) Define Normal Distribution with mean m and variance σ^2. State additive property of normal distribution. Further state any two real life situations of normal distribution.

(e) Explain chi-square test of goodness of fit.

Q.4) Attempt **any three** of the following : [15]

(a) Following data were obtained in a survey of 680 individuals. Do this data support claim that the area is associated with the level of education ? Use 1% level of significance.

Area	Level of Education	
	Post Graduate	Graduate
Rural	60	325
Urban	140	155

(b) Explain procedure of paired t-test.

(c) A grinding machine is set so that its production of shafts has an average diameter of 10.10 cms. and standard deviation of 0.20 cms. The production specifications for shaft diameters are between 10.05 cms. and 10.20 cms. What proportion of output does not meet specifications, presuming normal distribution for diameter of shaft ?

(d) In a random sample of 500 persons from State A, 198 are found to be consumers of vegetable oil. In another sample of 400 persons from the State B, 159 are found to be consumers of vegetable oil. Test whether the data reveal significant difference between States A and B as far as the proportion of vegetable oil consumption is concerned. Use 1% level of significance.

(e) State components of 'Time Series'. Further explain any two components of Time Series.

Q.5) (A) Find first and second derivative of the function tabulated below at the point x = 3.0 : [10]

x	3	3.2	3.4	3.6	3.8	4
y	−14.000	−10.032	−5.296	−0.256	6.672	14.000

OR

(A) Given that :

$$\frac{dy}{dx} = 1 + y^2 \ ; \ \text{where} \ y = 0 \ \text{when} \ x = 0.$$

Find y(0.2), y(0.4) and y(0.6) by using Runge - Kutta Fourth Order Formula. **[10]**

(B) The following data give sales (in thousands) of a company :

Year (t)	1991	1992	1993	1994	1995	1996	1997	1998	1999
Sales	50	78	72	89	71	62	87	71	91

Calculate 4-yearly centered moving averages. **[10]**

OR

(B) Estimate trend using 10% smoothing constant for the following Time Series : **[10]**

t	1	2	3	4	5	6	7	8	9	10
Y_t	29	34	35	37	39	36	31	25	23	26

————————

Total No. of Questions : 5]   [Total No. of Printed Pages : 3

[3870]-165

M.C.A. (Commerce Faculty) (Semester - I) Examination - 2010

OPERATING SYSTEMS

Time : 3 Hours]   [Max. Marks : 80

Instructions :

    (1)   All questions are compulsory.

    (2)   Neat diagrams must be drawn wherever necessary.

Q.1) Attempt **any four** of the following :   [16]

    (a)   Explain Magnetic Tape.

    (b)   Explain Multilevel Queue Algorithm.

    (c)   What is Semaphore ? What are different types of Semaphores ? Explain their usage and implementation.

    (d)   What is an Operating System ? State different types of Operating Systems.

    (e)   Explain Indexed Allocation Method.

Q.2) Attempt **any four** of the following :   [16]

    (a)   Write a note on Direct Memory Access.

    (b)   Explain Internal and External Fragmentation. MFT suffers from which kind of Fragmentation ?

    (c)   What is Deadlock Prevention ? Explain Deadlock Prevention Strategies.

    (d)   Explain System Calls used for File and Device Manipulation.

    (e)   What are Overlays ? Explain Concept of Overlays with example.

Q.3) Attempt **any four** of the following : [16]

(a) Consider the following Set of Processes with the Length of CPU Burst Time given in milliseconds.

Process	Burst Time	Arrival Time
P_1	5	1
P_2	3	0
P_3	2	2
P_4	4	3
P_5	8	2

Illustrate execution of these processes using FCFS and calculate Average Turn Around Time, Average Waiting Time.

(b) Write a short note on Acyclic Graph Directory.

(c) What are different advantages and disadvantages of Multiprogramming System ?

(d) Explain Medium Term Schedular with diagram.

(e) Explain Dining Philosopher's Problem of Process Synchronization. What is the solution for it ?

Q.4) Attempt **any four** of the following : [16]

(a) Consider the following Page Reference String

1, 2, 3, 4, 5, 3, 4, 1, 6, 7, 8, 7

How many page faults will occur for the following Page Replacement Algorithm, assuming 3 frames :

(i) LRU Replacement

(b) Consider the following snapshot of system. System has 5 processes P_0, P_1, P_2, P_3, P_4 and three resource types A, B, C :

	Allocation			Max			Available		
	A	B	C	A	B	C	A	B	C
P_0	0	1	0	7	5	3	3	3	2
P_1	2	0	0	3	2	2			
P_2	3	0	2	9	0	2			
P_3	2	1	1	2	2	2			
P_4	0	0	2	4	3	3			

Answer the following questions using Banker's Algorithm :

(i)   What are the contents of Matrix need ?

(ii) Is the system in a Safe State ?

(c) Explain in detail M.V.T. Job Scheduling.

(d) What is Pooling and how it is achieved to control more than one device ?

(e) Write a note on Swapping.

Q.5) Attempt **any four** of the following :   [16]

(a) Define the following terms :

(i)   Thrashing

(ii) System Program

(iii) Compaction

(iv) Semaphore

(b) Write note on Shared Segment.

(c) "In Page Replacement Algorithms, the page fault rate may increase as the number of allocated frames increases." Comment and justify.

(d) Write a note on Starvation.

(e) Explain different services provided by the Operating System.

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Total No. of Questions : 5]   [Total No. of Printed Pages : 3

[3870]-166

M.C.A. (Commerce Faculty) (Semester - I) Examination - 2010

SOFTWARE ENGINEERING

Time : 3 Hours]   [Max. Marks : 80

Instructions :

      (1)   All questions are compulsory.

      (2)   Figures to the right indicate full marks.

      (3)   Draw diagrams wherever necessary.

Q.1) Solve the following case study :

The Railway Reservation System functions as follows :

The passenger is required to fill in a reservation form giving details of his journey. The Counter Clerk ensures whether the place is available. If yes, entries are made in the register, tickets are prepared, amount is computed and cash is accepted. A booking statement is prepared in triplicate from the reservation register. One copy is retained as office copy, the other is passed on to the compartment and the third is passed on to the train conductor. Besides booking statement, cash statement is prepared at the end of each shift.

Draw the following :

(a)   E-R Diagram   [06]

(b)   Context Level Diagram   [04]

(c)   First Level Data Flow Diagram   [06]

Q.2) Answer the following : **(Any Four)** [4x4=16]

(a) Draw decision table for the following :

Material is issued to the department by considering whether the Material Requisition Note (MRN) is signed or not, it contains valid items or not and it is given within 8 hours or not ?

(b) Define Maintenance. Explain its types in detail.

(c) Define System. Explain its characteristics in detail.

(d) Define Testing. Explain its objectives and principles in detail.

(e) What is Analyst ? Explain role of analyst in SDLC.

Q.3) Explain the following : **(Any Four)** [4x4=16]

(a) Explain Importance of Normalization.

(b) Explain advantages of Decision Table over Decision Tree with an example.

(c) Explain 4GL with an example.

(d) Explain ISO Standards in detail for Software Quality.

(e) Explain different types of Strategies for Implementation of Software.

Q.4) Write notes on the following : **(Any Four)** [4x4=16]

(a) Structure Chart

(b) E-R Analysis

(c) Spiral Model

(d) Capability Maturity Model

(e) Categories of Information System

Q.5) Differentiate between : **(Any Four)**   **[4x4=16]**

    (a)   Reverse Engineering and Re-engineering

    (b)   S.D.L.C. and Waterfall Model

    (c)   Interviews and Questionnaires.

    (d)   Logical DFD and Physical DFD

    (e)   Testing and Debugging

[3870]-261

M.C.A. (Commerce Faculty) (Semester - II) Examination - 2010
BUSINESS PROTOCOL AND CROSS-CULTURE
COMMUNICATION SKILLS

Time : 3 Hours]   **[Max. Marks : 80**

Instructions :

   (1)   All questions are compulsory.

   (2)   All questions carry equal marks.

Q.1) Describe process, functions and objectives of Good Communication.

OR

Q.1) What do you understand by Cross-culture Communication ? What is its need ?

Q.2) Discuss types of Communications used in the Organisation.

OR

Q.2) Discuss advantages and disadvantages of Formal and Informal Communication.

Q.3) Mention points you would like to keep before you, if some one asked you to write a report.

OR

Q.3) What is the meaning, nature and importance of Listening.

Q.4) What is the role of Business Protocol and Body Language in an Organisation ?

OR

Q.4) Why are Good Manners necessary ? Show how Individual Manners reflect a Company's Culture and Etiquette ?

Q.5) Write short notes : **(Any Two)**

    (a)   International Communication and its Importance

    (b)   Principles of Business Etiquette

    (c)   Rule of Group Presentation

    (d)   Written and Oral Communication its Advantage and Disadvantages

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Total No. of Questions : 5]   [Total No. of Printed Pages : 4

[3870]-262

M.C.A. (Commerce Faculty) (Semester - II) Examination - 2010

RELATIONAL DATABASE MANAGEMENT SYSTEM

Time : 3 Hours]   [Max. Marks : 80

Instructions :

    (1)   All questions are compulsory.

    (2)   Draw neat diagrams if necessary.

Q.1) Answer **any eight** of the following :   [8x2=16]

   (a)   What are different Levels of Data Abstraction ?

   (b)   Define Functional Dependency.

   (c)   What is Physical and Logical Data Independence ?

   (d)   Define Referential Integrity.

   (e)   What do you mean by Schema and Instance ?

   (f)   What is Assertion ?

   (g)   What are different States of a Transaction ?

   (h)   What is a Serial Schedule ?

   (i)   Write Thomas' Rule.

   (j)   What is Cursor Stability ?

Q.2) Answer **any four** of the following :   [4x4=16]

   (a)   What is an Entity and Entity Set ? Explain different entity types with suitable examples.

   (b)   Describe the following Relational Operators with examples :

      (i)   Union

      (ii)   Difference

      (iii)   Intersection

      (iv)   Natural Join

(c) Write rules for normal formal forms like 1NF, 2NF, 3NF, BCNF.

(d) Write note on Database User Roles and Authorisation.

(e) Explain how deadlocks are handled in concurrent transactions ?

Q.3) Answer **any four** of the following : **[4x4=16]**

(a) What are the advantages of DBMS over Traditional File System ?

(b) Explain Time Stamp Based Protocol in detail.

(c) Explain difference between Primary Key, Super Key and Candidate Key with example.

(d) Explain ARIES Recovery Method in detail.

(e) Write note on constraints used while creating Database.

Q.4) Answer the following :

(a) A Car Insurance Company wants to automate system. The system includes database of the customers i.e. car owners, accidents and drivers involved in accidents. The system also maintains information about injured drivers and passengers. Any customer can own many cars. All cars can be insured. Any car can have many drivers. An accident can involve one or more cars.

For the given case study answer the following :

(i) Write all entities and attributes.

(ii) Write relationships.

(iii) Draw neat and suitable entity relationship diagram.

(iv) Convert ERD into relational form. **[10]**

(b) Draw neat diagram of DBMS Architecture and explain each component in detail. **[06]**

<div align="center">OR</div>

(b) Consider Relation R = (A, B, C, D, E) is decomposed into R_1 = (A, B, C) and R_2 = (A, D, E). Show decomposition is lossless if the following functional dependencies hold : **[06]**

A → BC

CD → E

B → D

E → A

Q.5) Answer the following :

(a) Consider Relational Database :

Employee (ename, street, city)

Works (ename, cname, salary)

Company (cname, city)

Answer the following queries using SQL :

(i) Find names of all employees who work for First Bank Corporation.

(ii) Find names of all employees who live in the same cities as the companies for which they work.

(iii) Find all employees who earn more than every employee of Small Bank Corporation.

(iv) Find names, street address, city of all employees who work for First Corporation and earn more than Rs. 10,000.

(v) Find companywise average salary of the employees. **[10]**

(b) Consider the following Relational Schema :

Teacher (Tno, Tname, City, Experience)

Subject (Sno, Sname, Type)

Teacher_Subject (Tno, Sno)

Answer the following queries using Relational Algebra :

(i) List names of teachers having experience more than 5 years and who live in Pune.

(ii) List all Computer Science subjects.

(iii) List teacher names who teach Mathematics subjects and who have an experience of more than 10 years. **[06]**

OR

(b) Consider the following transactions :

T_1 : Read (A)	T_2 : Read (B)
Read (B)	Read (A)
if (A = 0), then	if (B = 0), then
B = B + 1	A = A + 1
write (B)	write (A)

If two-phase locking protocol is used, check whether the execution of transactions will result in deadlock. Justify your answer. **[06]**

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[3870]-263

M.C.A. (Commerce Faculty) (Semester - II) Examination - 2010

COST ACCOUNTING AND COST CONTROL TECHNIQUES

Time : 3 Hours]   **[Max. Marks : 80**

Instructions :

> *(1)   All questions are compulsory.*
>
> *(2)   All questions carry equal marks.*
>
> *(3)   Use of calculator is allowed.*

Q.1) (A)   What do you understand by 'Elements of Cost' ? Explain in detail with suitable examples.   **[08]**

(B)   State limitations of Financial Accounting.   **[08]**

Q.2) Write notes : (**Any Four**)   **[16]**

(a)   Functional Classification of Overheads

(b)   Break-even Analysis

(c)   Profit on Incomplete Contracts

(d)   Process Loss

(e)   Cost Centre and Cost Unit

(f)   Features of Operating Costing

Q.3) The following information is obtained from the books of Maharaja Manufacturers for the year ending 31st March, 2010 :

Particulars	Amount
Raw Material on 1-4-2009	67,200
Raw Material Purchased	2,59,000
Motive Power	320
Carriage Inward	720

Particulars	Amount
Bad Debts Written Off	9,100
Sales Commission	10,780
Depreciation on Office Equipment	420
Interest on Loan	380
Rent, Rates, Taxes (Factory)	11,900
Direct Wages	1,76,400
Office Expenses	8,400
Coal, Gas and Water	2,240
General Expenses	4,760
Packing Charges	940
Sales	6,00,000
Manager's Salary (Factory $^2/_3$, Office $^1/_3$)	15,000
Delivery Van Expenses	4,060
Depreciation of Factory Building	18,200
Publicity Charges	2,000
Repairs to Machinery	6,340
Carriage Outward	7,120
Hire Charges of Special Machinery	9,010
Office Rent	2,800
Legal Charges	1,210
Raw Material on 31-03-2010	87,920

Prepare a Cost Statement giving the following details for the year ended 31-03-2010 : [16]

(a) Prime Cost

(b) Works Cost

(c) Cost of Production

(d) Total Cost

(e) Profit for the Year

Q.4) The following information is obtained from the Costing Books of Accounts of Mehta Bros. :

Standard Qauntity of Material - 800 units @ Rs. 20 per unit

Actual Qauntity   - 840 units @ Rs. 21 per unit

Standard Wages for 1,200 hours @ Rs. 1.80 per hour

Actual Hours   - 1,240 @ Rs. 1.75 per hour

Calculate the following variances :   **[16]**

   (a)   Material Cost Variance

   (b)   Material Price Variance

   (c)   Material Usage Variance

   (d)   Labour Cost Variance

   (e)   Labour Rate Variance

   (f)   Labour Efficiency Variacne

OR

Q.4) A product passes through two distinct processes X and Y. From the following information, you are required to prepare Process Accounts, units introduced to process X 10,000 units @ Rs. 10 each :   **[16]**

Particulars	Process X	Process Y
Material	Rs. 40,000	Rs. 30,000
Direct Labour	Rs. 20,000	Rs. 24,000
Overheads	Rs. 13,500	Rs. 22,610
Normal Wastage	5%	5%
Scrap Value of Normal Loss	Rs. 5 per unit	Rs. 10 per unit
Output	9,400 units	9,000 units

Q.5) The budgeted expenses for production of 10,000 'Electric Mixers' in the year 2009 are given below :

		Per Unit Rs.
(1)	Direct Material	70
(2)	Direct Wages	25
(3)	Direct Expenses	5
(4)	Variable Factory Overheads	20
(5)	Fixed Factory Overheads	10
(6)	Selling Expenses (10% fixed)	13
(7)	Distribution Expenses (20% fixed)	7
(8)	Administration Expenses (fixed)	5
(9)	Total Cost	**155**

You are required to prepare Flexible Budget for 6,000, 8,000 and 12,000 Mixers. Administration and Fixed Factory Overheads are expected to increase by 10% at the 12,000 output. **[16]**

OR

Q.5) You are given the following data for the year 2009 of ABC Co. Ltd.

	Rs.
Variable Cost	6,00,000
Fixed Cost	3,00,000
Sales	10,00,000
Net Profit	1,00,000

Find Out :

(a) P/V Ratio

(b) BEP

(c) Profit when sales amounted to Rs. 12,00,000

(d) Sales to earn a profit of Rs. 2,00,000 **[16]**

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Total No. of Questions : 5]   [Total No. of Printed Pages : 3

[3870]-264

M.C.A. (Commerce Faculty) (Semester - II) Examination - 2010
ACCOUNTING FOR MANAGEMENT

Time : 3 Hours]   [Max. Marks : 80

Instructions :

    (1)   All questions are compulsory.

    (2)   All questions carry equal marks.

Q.1) "Management Accounting is accounting for Effective Management."
Explain this statement.   **[16]**

OR

Q.1) What do you understand by Analysis and Interpretation of Financial
Statements ? What are the Essentials of Good Financial Statements ? **[16]**

Q.2) Define Marginal Costing. Explain in detail features, advantages and
limitations of Marginal Costing.   **[16]**

OR

Q.2) Write short notes : (**Any Four**)   **[16]**

    (a)   Installation of Management Accounting System

    (b)   Comparative Financial Statement

    (c)   Importance of Cash Flow Analysis

    (d)   Significance of Current Ratio

    (e)   Over-capitalisation

    (f)   Zero Base Budget

Q.3) (A) Distinguish between Fund Flow and Cash Flow Statements. **[08]**

(B) From the following Income Statement of Ajay Ltd., prepare a Commonsize Income Statement : **[08]**

Income Statement

Particulars	2009 Rs.	2010 Rs.	Particulars	2009 Rs.	2010 Rs.
To Cost of Goods Sold	2,40,000	3,60,000	By Sales	4,00,000	6,00,000
To Gross Profit	1,60,000	2,40,000			
	4,00,000	6,00,000		4,00,000	6,00,000
To Administrative Expenses	60,000	60,000	By Gross Profit	1,60,000	2,40,000
To Selling Expenses	40,000	90,000			
To Net Profit	60,000	90,000			
	1,60,000	**2,40,000**		**1,60,000**	**2,40,000**

Q.4) From the following Balance Sheets, prepare a Cash Flow Statement of Laxmi Ltd. for the year 2009-10 : **[16]**

Balance Sheet

Liabilities	2008-09 Rs.	2009-10 Rs.	Assets	2008-09 Rs.	2009-10 Rs.
Equity Share Capital	1,50,000	2,00,000	Goodwill	57,500	45,000
7% Redeemable Preference Shares	75,000	50,000	Land and Buildings	1,00,000	85,000
General Reserve	20,000	35,000	Plant and Machinery	40,000	1,00,000
Profit and Loss A/c.	15,000	24,000	Sundry Debtors	80,000	1,00,000
Proposed Dividend	21,000	25,000	Stock in Trade	38,500	54,500
Sundry Creditors	27,500	41,500	Bills Receivable	10,000	15,000
Bills Payable	10,000	8,000	Cash in Hand	7,500	5,000
Provision for Taxation	20,000	25,000	Cash at Bank	5,000	4,000
	3,38,500	**4,08,500**		**3,38,500**	**4,08,500**

Additional Information :

(1) An interim dividend of Rs. 10,000 was paid in 2009-10.

(2) Depreciation of Rs. 5,000 and Rs. 10,000 has been charged on Plant and Machinery and Land and Building respectively in 2009-10.

(3) Income Tax of Rs. 17,500 has been paid in 2009-10.

Show your workings in detail.

Q.5) Prepare Balance Sheet from the following information of Glaxo Co. Ltd. : **[16]**

Current Ratio	1.75
Liquid Ratio	1.25
Stock Turnover Ratio	9
Gross Profit Ratio	25%
Debt Collection Period	$1\frac{1}{2}$ months
Reserves and Surplus to Capital	20%
Turnover to Fixed Assets	1.2
Capital Gearing Ratio	60%
Fixed Assets to Networth	1.25
Sales	Rs. 12,00,000

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Total No. of Questions : 5]   [Total No. of Printed Pages : 2

[3870]-265

M.C.A. (Commerce Faculty) (Semester - II) Examination - 2010

NETWORKING OPERATIONS

Time : 3 Hours]   [Max. Marks : 80

Q.1) Answer the following : **(Any Four)**   **[16]**

   (a)   What is Computer Network ? Explain Goals of Computer Network.

   (b)   Explain Working of Wireless Ad Hoc Networking.

   (c)   Compare Connection Oriented System with Connectionless Service.

   (d)   Explain Microwave Transmission.

   (e)   What is ISP ? Explain how to connect ISP with Internet ?

Q.2) Write short notes : **(Any Four)**   **[16]**

   (a)   IEEE 802.4

   (b)   Search Engine

   (c)   WAN

   (d)   SAP

   (e)   Communication Types

Q.3) Answer the following : **(Any Four)**   **[16]**

   (a)   Define Topology. Explain any two Network Topologies.

   (b)   Explain Frame Format of IP Datagram.

   (c)   What is NIC ? Explain different functions of NIC.

   (d)   Explain Fiber Optics Cable in detail.

   (e)   Which are the different Propagation Methods ?

Q.4) Answer the following : **(Any Four)** [16]

    (a)   Distinguish between Server based LANs and Peer-to-peer LANs.

    (b)   Explain Concept of Intranet and Extranet.

    (c)   Explain Network Security Devices.

    (d)   Explain Physical Structure of Coaxial Cable.

    (e)   Explain types of NICs.

Q.5) Answer the following : **(Any One)**

    (a)   (i)   Explain OSI Reference Model. **[08]**

           (ii)   Define the terms : **[08]**

                (1)   Peer Entities

                (2)   Network Architecture

                (3)   Physical and Virtual Communication

                (4)   Interface

<div align="center">OR</div>

    (b)   (i)   Which are the different types of Connectivity Devices ? **[08]**

           (ii)   Explain Bluetooth Technology. **[04]**

           (iii)   What are the design issues of Layers ? **[04]**

[3870]-266

M.C.A. (Commerce Faculty) (Semester - II) Examination - 2010
OBJECT ORIENTED PROGRAMMING

Time : 3 Hours]   [**Max. Marks : 80**

Instructions :

      (1)   All questions are compulsory.

      (2)   Consider there is no Syntax Error in given programs.

Q.1) Attempt **any four** :   [4x4=16]

   (a)   Explain Structure of Object Oriented Programming.

   (b)   Explain the following terms :

      (i)   Polymorphism

      (ii)   Data Encapsulation

      (iii)   Inheritance

      (iv) Data Binding

   (c)   Explain types of Access Specifiers with example.

   (d)   What is Inline Function ? Explain with example.

   (e)   Describe typical structure of Java Programming.

Q.2) Attempt **any four** :   [4x4=16]

   (a)   Explain objects as functional argument with example using C++.

   (b)   What is Type Casting ? Explain with example (in C++).

   (c)   What is Command Line Argument ? Explain working with suitable example.

   (d)   Explain use of Static Block.

   (e)   Write a program swapping of two numbers using Call by Value (using C++).

Q.3) Attempt **any four** :   [4x4=16]

   (a)   What is Copy Constructor ? Explain with example.

   (b)   What is the difference between Abstract Class with Interface using an example ?

   (c)   Write short notes on the following terms :

       (i)   this

       (ii) final

   (d)   Differentiate Overloading and Overriding with example.

   (e)   When an Overridden Method is called through a Super Class Reference, which version of method is executed ?

Q.4) Attempt **any four** :   [4x4=16]

   (a)   Write a C^{++} program to calculate product of digits in a number using while loop.

   (b)   Write a program to print the following pattern using C^{++} :

11

11   12

11   12   13

11   12   13   14

11   12   13   14   15

   (c)   Write a program to read values of a, b, c and display value of x where $x = \dfrac{a}{b \quad c}$ using Java (use Command Line Argument).

   (d)   Define Class to represent a Bank Account. Include the following data members :

       (i)   Name of Depositor

       (ii) Account No.

       (iii) Type of Account

       (iv) Balance Amount

Member Functions :

(i)   To Assign Initial Value

(ii) To Deposit an Amount

(iii) To Withdraw an Amount

(iv) To display name of depositor and balance

Define all member functions and main.

(e)   Derive a Class Square from Class Rectangle Create another Class Circle. Create an interface with only one method called area. Implement this interface in all the classes. Include appropriate data members and constructors in all classes. Write a program to accept details of a square and circle and display the area.

Q.5) (A) Trace output :   **[2x4=08]**

(a) Class date

```
{
  private :
    int day, month, year;
    date( )
    {
      day = 25;
      month = 9;
      year = 1979;
    }
};
  void main( )
{
  date today;
}
```

(b) Class continue

```
{
    public static void main (string args[])
    {
        int m = 0;
        loop 1 : For (int i = 0; i < 10; i++)
            loop 2 : For (int j = 0; j < 10; j++)
                loop 3 : For (int k = 0; k < 10; k++)
                {
                    System.out.print\n (++m);
                    if ((k%10) = = 0)
                        continue loop 2;
                }
    }
}
```

What is the last value printed ?

(B) Attempt **any two** :   [4x2=08]

(a) Write a program to find out the sum of all integers greater than 100 and less than 200 that are divisible by 7.

(b) Write a program that accepts a shopping list of 5 items from command line and store, display them. (using array)

(c) Write a program in Java to create an abstract class volume. Derive two classes Cylinder and Cone. Calculate volume of both.

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[3870]-301

M. Com. (Semester - III) (Compulsory) Examination - 2010

BUSINESS FINANCE

(2008 Pattern)

Time : 3 Hours]   [Max. Marks : 100

Instructions :

      (1)   All questions are compulsory.

      (2)   All questions carry equal marks.

Q.1) What do you mean by Business Finance ? Explain in detail objectives and importance of Business Finance.

OR

Q.1) Write a detailed note on Future Value and Present Value.

Q.2) Give meaning of the term Strategic Financial Planning. Explain objectives and steps of Strategic Financial Planning.

OR

Q.2) Explain the term Capitalisation. Describe in detail Over Capitalisation and Under Capitalisation.

Q.3) What is Equity Share ? State its characteristics. Explain advantages and disadvantages of Equity Shares.

OR

Q.3) (A)   Define Debenture. State its characteristics.

       (B)   What is Dividend Policy ? Explain background of Dividend Policy.

Q.4) What is Short Term Financing ? Describe in detail advantages and disadvantages of Short Term Financing.

OR

Q.4) What is Project Financing ? State importance of Project Financing and write a note on Project Preparation.

Q.5) Write short notes : **(Any Four)**

    (a)   Scope of Business Finance

    (b)   Need of Time Value of Money

    (c)   Estimating Financial Requirements

    (d)   Characteristics of Preference Shares

    (e)   Bank Credit

    (f)   Evaluation of Project

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[3870]-301

मराठी रूपांतर

वेळ : 3 तास]   [एकूण गुण : 100

सूचना :

   (1) सर्व प्रश्न सोडविणे अनिवार्य आहे.

   (2) सर्व प्रश्नांना समान गुण आहेत.

   (3) संदर्भासाठी मूळ इंग्रजी प्रश्नपत्रिका पहावी.

प्र.1) व्यावसायिक वित्तपुरवठा म्हणजे काय ? व्यावसायिक वित्तपुरवठ्याची उद्दिष्ट्ये आणि महत्त्व सविस्तरपणे स्पष्ट करा.

किंवा

प्र.1) भविष्यकालीन मूल्य व सध्याचे मूल्य यावर सविस्तरपणे टिपणी लिहा.

प्र.2) व्यूहरचनात्मक वित्तीय नियोजन म्हणजे काय ? व्यूहरचनात्मक वित्तीय नियोजनाची उद्दिष्ट्ये आणि पायऱ्या स्पष्ट करा.

किंवा

प्र.2) भांडवलीकरण ही संज्ञा स्पष्ट करा. अधिभांडवलीकरण आणि न्यूनतम भांडवलीकरण यांचे सविस्तरपणे वर्णन करा.

प्र.3) सामान्य भाग म्हणजे काय ? त्याची वैशिष्ट्ये सांगा. सामान्य भागाचे फायदे व तोटे स्पष्ट करा.

किंवा

प्र.3) (अ) कर्जरोख्याची व्याख्या द्या. त्याची वैशिष्ट्ये सांगा.

   (ब) लाभांश धोरण म्हणजे काय ? लाभांश धोरणाची पार्श्वभूमी स्पष्ट करा.

प्र.4) अल्पकालीन वित्तपुरवठा म्हणजे काय ? अल्पकालीन वित्तपुरवठ्याचे फायदे आणि तोटे सविस्तरपणे वर्णन करा.

<div align="center">किंवा</div>

प्र.4) प्रकल्प वित्तपुरवठा म्हणजे काय ? प्रकल्प वित्तपुरवठ्याचे महत्त्व सांगून प्रकल्प तयारी यावर टीप लिहा.

प्र.5) थोडक्यात टिपा लिहा : **(कोणत्याही चार)**

    (अ) व्यावसायिक वित्तपुरवठ्याची व्याप्ती

    (ब) पैशाच्या समय मूल्याची गरज

    (क) वित्तीय गरजांचे अंदाज

    (ड) अग्रहक्क भागाची वैशिष्ट्ये

    (इ) बँक क्रेडिट

    (फ) प्रकल्पाचे मूल्यमापन

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[3870]-302

M. Com. (Semester - III) (Compulsory) Examination - 2010
INDUSTRIAL ECONOMICS
(2008 Pattern)

Time : 3 Hours]   **[Max. Marks : 100**

Instructions :

(1)   All questions are compulsory.

(2)   All questions carry equal marks.

(3)   Answer should be precise and to the point.

Q.1) Explain scope and significance of the Study of Industrial Economics. **[20]**

OR

Q.1) Explain Inter-relationship between Industrial Development and Economic Development. **[20]**

Q.2) Discuss Sargent Florence's Theory of Industrial Location. **[20]**

OR

Q.2) What is Industrial Productivity ? Explain factors affecting Industrial Productivity. **[20]**

Q.3) Critically examine role and problems of Special Economic Zone (SEZ). **[20]**

OR

Q.3) Explain Need of Balanced Regional Industrial Development. **[20]**

Q.4) Explain Causes of Industrial Imbalance in India. **[20]**

OR

Q.4) State and explain impact of Industrialisation on Employment. **[20]**

Q.5) Write short notes : **(Any Two)**   **[20]**

    (a)   Weber's Theory of Location of Industries

    (b)   Measurement of Industrial Productivity

    (c)   Role of Public Sector in India

    (d)   Impact of Industrialisation on Global Warming

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[3870]-302

मराठी रूपांतर

वेळ : 3 तास]   [एकूण गुण : 100

सूचना :

    (1) सर्व प्रश्न सोडविणे आवश्यक आहे.

    (2) सर्व प्रश्नांना समान गुण आहेत.

    (3) उत्तरे नेमकी आणि मुद्देसुद असावीत.

    (4) संदर्भांसाठी मूळ इंग्रजी प्रश्नपत्रिका पहावी.

प्र.1) औद्योगिक अर्थशास्त्राची व्याप्ती व महत्त्व स्पष्ट करा.   [20]

<div align="center">किंवा</div>

प्र.1) औद्योगिक विकास व आर्थिक विकासामधील आंतरसंबंध स्पष्ट करा.   [20]

प्र.2) सार्जन्ट फ्लोरेन्स यांच्या औद्योगिक स्थाननिश्चिती बाबतच्या सिद्धांताची चर्चा करा. [20]

<div align="center">किंवा</div>

प्र.2) औद्योगिक उत्पादकता म्हणजे काय ? औद्योगिक उत्पादकतेवर परिणाम करणारे घटक

स्पष्ट करा.   [20]

प्र.3) विशेष आर्थिक क्षेत्राच्या भूमिकेचे आणि समस्यांचे टिकात्मक परीक्षण करा.   [20]

<div align="center">किंवा</div>

प्र.3) समतोल प्रादेशिक औद्योगिक विकासाची गरज स्पष्ट करा.   [20]

प्र.4) भारतातील औद्योगिक असमतोलाची कारणे स्पष्ट करा. **[20]**

<div align="center">

किंवा

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प्र.4) औद्योगिकीकरणाचा रोजगारावरील प्रभाव सांगा व स्पष्ट करा. **[20]**

प्र.5) थोडक्यात टिपा लिहा : (**कोणत्याही दोन**) **[20]**

   (अ) वेबरचा औद्योगिक स्थाननिश्चितीचा सिद्धांत

   (ब) औद्योगिक उत्पादकतेचे मोजमाप

   (क) भारतातील सार्वजनिक क्षेत्राची भूमिका

   (ड) औद्योगिकीकरणाचे जागतीक तापमान वाढीवरील परिणाम

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Total No. of Questions : 5]   [Total No. of Printed Pages : 5

[3870]-303

M. Com. (Semester - III) (Compulsory) Examination - 2010

BUSINESS STATISTICS

(2008 Pattern)

Time : 3 Hours]   [Max. Marks : 100

Instructions :

    (1)   All questions are compulsory.

    (2)   Figures to the right indicate full marks.

    (3)   Use of calculator and statistical table is allowed.

    (4)   Symbols and abbreviations have their usual meanings.

Q.1) Attempt **any four** of the following :   [20]

    (a)   Define the following terms :

        (i)   Discrete Random Variable (D.R.V.)

        (ii)   Parameter

        (iii)   Null Hypothesis

        (iv)   Time Series

        (v)   Probability Mass Function (P.M.F.)

    (b)   An oil exploration firm finds that 5% of the test wells it drills, yield a deposit of natural gas. If it drills 6 wells, find probability that at least one well will yield natural gas.

    (c)   A hospital switchboard receives on an average 4 emergency calls in a 10 minutes interval. What is the probability that there are atmost 3 calls in an interval of 10 minutes ?

    (Given that $e^{-4} = 0.018316$)

(d) State inter-relationships between Binomial Poisson and Normal Distributions.

(e) Explain working of a Single Sampling Plan.

(f) X is a d.r.v. with p.m.f.

$$P[X = x] = \frac{x}{15} \quad , \qquad x = 1, 2, 3, 4, 5$$

$$= 0 \quad , \qquad \text{elsewhere}$$

Find E(X) and V(X).

Q.2) Attempt **any four** of the following : **[20]**

(a) The mean height of 1,000 students in a college is 165 cm and S.D. 10 cm. Assuming normal distribution, find number of students whose height is between 159 and 178 cm.

(b) A sample of 900 Indian Children was found to have a mean thickness at tricepts of 3.4 mm with a standard deviation of 2.3 mm. Can it be regarded as a sample from a population having a mean thickness of 3.2 mm ? (Use 5% l.o.s.)

(c) The following table gives number of defectives and non-defective parts produced in each of the three shifts in a factory :

Shift	Defectives	Non-defectives
Day	900	130
Evening	700	170
Night	400	200

Is there any association between the shift and the quality of parts produced ? (Use 5% l.o.s.)

(d) Define the following terms :

    (i)   Defect

    (ii)   Defective

    (iii)   AQL

    (iv)   LTPD

    (v)   ASN

(e) Explain graphical method of measuring trend in a time series.

(f) The manufacturer of a medicine claims that it is 90% effective in lowering blood pressure. In a random sample of 200 people who had B.P., the medicine provided relief for 160. Determine whether the manufacturers claim is legitimate. (Use 5% l.o.s.)

Q.3) Attempt **any four** of the following :   **[20]**

(a) A machine is designed to produce sugar coating with an average thickness of 0.025 cm. A random sample of 10 capsules was found to have an average thickness of 0.024 cm. with a standard deviation of 0.002 cm. Does the machine serve purpose ? (Use 5% l.o.s.)

(b) Distinguish between Product Control and Process Control.

(c) Compute ATI of a single sampling plan with N = 10,000, n = 100 and c = 3. The quality of the submitted lot is 0.1 percent defective.

(d) Write a note on different types of limits related to a Control Chart.

(e) A manufacturer who produces medicine bottles finds that 0.1% of the bottles produced are defective. The bottles are packed in boxes of 500 bottles. A drug manufacturer buys 100 boxes. Using Possion Approximation, find how many boxes will contain at least two defectives ?

(f) Define the following terms :

    (i) Statistics

    (ii) Level of Significance

    (iii) Critical Region

    (iv) Test of Hypothesis

    (v) Acceptance Region

Q.4) Attempt **any two** of the following :   **[20]**

(a) The following table gives values of the mean and range for 10 samples, each of size 5 :

Mean $(\overline{X})$	42	41	40	46	39	47	40	36	42	40
Range **(R)**	5	3	7	1	6	3	3	5	3	5

Draw   and R charts and comment on the state of control of the process.

(Given $A_2 = 0.58$, $D_3 = 0$, $D_4 = 2.12$ for n = 5)

(b) Below given are the figures $\overline{X}$f production (in thousand quintals) of Sugar Factory :

Year	1997	1998	1999	2000	2001	2002	2003
Production	80	90	92	83	94	99	92

    (i) Compute 3 yearly moving averages.

    (ii) Plot original data and trend values of the same graph.

(c) The following are the weekly losses of work hours due to accidents in industrial plants before and after a certain safety program was put into operation :

Plant No.	1	2	3	4	5	6	7	8	9	10
Before	45	73	46	124	33	57	83	34	26	17
After	36	60	44	119	35	51	77	29	24	11

Test whether the safety program was effective. (Use 5% l.o.s.)

Q.5) Attempt **any two** of the following : [20]

(a) Describe Components of a Time Series.

(b) Write a note on p-chart.

(c) Following are the numbers of weak points observed on 10 cloth pieces each of length 10 meters :

Piece No.	1	2	3	4	5	6	7	8	9	10
No. of Weak Points	5	3	2	2	3	5	4	0	2	4

Set up control chart for the number of weak points and comment on the state of control by plotting control chart. What value of the number of weak points would you suggest for future use ?

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[3870]-304

M. Com. (Semester - III) Examination - 2010

ADVANCED ACCOUNTING AND TAXATION

SPECIAL PAPER - V

ADVANCED AUDITING

(Group - A)

(2008 Pattern)

Time : 3 Hours] [Max. Marks : 100

Instructions :

(1) All questions are compulsory.

(2) All questions carry equal marks.

Q.1) "In vouching payments, the auditor does not merely seek proof that money has been paid away." Discuss.

OR

Q.1) Describe various steps in the evaluation of Internal Control System.

Q.2) Write short notes : **(Any Two)**

(a) Audit Programme

(b) Purpose of Internal Audit

(c) Verification and Valuation

(d) Auditing and Assurance Standard Board in India

Q.3) What do you understand by Audit Standard ? What role do standards play in the performance of Audit Work ?

OR

Q.3) What are the matters to be included in the Auditor's Report under CARO 2003 ?

Q.4) Discuss procedure as to Audit of Share Capital of newly formed company.

OR

Q.4) Describe special points to be considered in Audit under Computerized Information System Environment.

Q.5) Write short notes : **(Any Two)**

    (a)   Investigation u/s 235 and 237 of Company Act, 1956

    (b)   Powers of Audit Committee

    (c)   Report on Corporate Governance

    (d)   Audit of E-commerce Transactions

[3870]-305

M. Com. (Semester - III) Examination - 2010
ADVANCED ACCOUNTING AND TAXATION
SPECIAL PAPER - VI
SPECIALISED AREA IN AUDITING
(Group - A)
(2008 Pattern)

Time : 3 Hours]   [Max. Marks : 100

Instructions :

(1)   All questions are compulsory.

(2)   All questions carry equal marks.

Q.1) "Internal Audit has become an important Managerial Tool." Discuss.

OR

Q.1) Discuss in detail the special features of Bank Audit.

Q.2) Write short notes : **(Any Two)**

(a)   Tax Audit u/s 44 AB of Income Tax Act, 1961

(b)   Review of Internal Control

(c)   Form of Tax Audit Report

(d)   Audit Report of Banks

Q.3) State special points to be considered in the Audit of Co-operative Societies.

OR

Q.3) Write a note on objectives and other special features of Charitable Trusts.

Q.4) Describe special features of Audit of Hospital and Hotel.

OR

Q.4) "While auditing Government Expenditure, an Auditor carries out audit of sanctions, audit against provisions of funds, audit against rules and orders and audit of propriety." Elaborate.

Q.5) Write short notes : **(Any Two)**

    (a)   Audit of Educational Institution

    (b)   Role of Comptroller and Auditor General of India

    (c)   Contents of Audit Report of Co-operative Societies

    (d)   Audit of Local Bodies

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[3870]-306

M. Com. (Semester - III) Examination - 2010

ADVANCED COST ACCOUNTING AND COST SYSTEM

SPECIAL PAPER - V

COST AUDIT

(Group - B)

(2008 Pattern)

Time : 3 Hours]　　　　　　　　　　　　**[Max. Marks : 100**

Instructions :

    (1)　Attempt all questions.

    (2)　All questions carry equal marks.

    (3)　Use of non-programmable calculator, wherever necessary is allowed.

Q.1) What is Cost Audit ? Explain its objectives and advantages.

OR

Q.1) Explain :

  (a)　Cost Auditor's Qualifications and Disqualifications

  (b)　Appointment and Status of Cost Auditor

Q.2) What do you mean by the Cost Audit Programme ? Which points should Cost Auditor consider while chalking out such programme ?

Q.3) Enumerate in brief the Contents of Cost Audit Report Rules, 2001, as amended by the Cost Audit Report (Amendments) Rules, 2006.

OR

Q.3) Explain :

  (a)　Relationship of Cost Auditor with Financial Auditor

  (b)　Rights and Duties of Cost Auditor

Q.4) Write short notes : **(Any Four)**

    (a)   Liabilities of Cost Auditor

    (b)   Efficiency Audit

    (c)   Propriety Audit

    (d)   Systems Audit

    (e)   'Notes' and 'Qualifications' to the Cost Audit Report

    (f)   Social Audit

Q.5)

Easy Go Lucky Co. Ltd.
Profit and Loss A/c.
for the year ended 31-3-2009

Particulars	Rs.	Particulars	Rs.
Opening Stock	4,94,358	Sales	6,93,000
Purchases	1,64,308	Sundry Income	632
	6,58,666		
Less Closing Stock (–)	1,50,242		
	5,08,424		
Direct Wages	46,266		
Factory Overheads	41,652		
Administrative Expenses	19,690		
Selling Expenses	44,352		
Net Profit	33,248		
	6,93,632		**6,93,632**

Cost Accounts show that :

(1)   Closing Stock   –   Rs. 1,56,394

(2)   Direct Wages absorbed   –   Rs. 49,734

(3)   Factory Overheads   –   Rs. 39,428

(4)   Administrative Expenses calculated @ 3% on sales.

(5)   Selling Expenses absorbed @ 5% on sales.

You are required to prepare a reconciliation statement and arrive at the profit as per Cost Accounts.

OR

Q.5)

Zig Zag Co. Ltd.
Balance Sheet
As on 31-3-2009

Liabilities	Rs.	Assets	Rs.
Share Capital	50,00,000	Goodwill	5,00,000
General Reserve	4,80,000	Land and Buildings (Appreciated by Rs. 5,00,000 due to revaluation)	42,00,000
P and L A/c.	20,00,000		
Revaluation Reserve	5,00,000	Plant and Machinery	20,00,000
8% Debentures	40,00,000	Furniture	4,00,000
Interest Outstanding on Debentures	3,20,000	Capital Work-in-Progress	28,00,000
S. Creditors	5,00,000	Vehicles	7,50,000
Bills Payable	5,00,000	Stock	2,00,000
Current Year's Profit	20,00,000	Drs.	18,00,000
(After depreciation but before interest on debentures and provision for taxation)		Investment : Outside Business	4,00,000
		Others	8,00,000
		Misc. Expenditure	3,50,000
		Accumulated Losses	11,00,000
	1,53,00,000		**1,53,00,000**

Calculate :

(a) Capital Employed

(b) Net Worth

(c) Profit to Capital

(d) Profit to Net Worth

(e) Current Ratio

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[3870]-307

M. Com. (Semester - III) Examination - 2010

ADVANCED COST ACCOUNTING AND COST SYSTEM

SPECIAL PAPER - VI

MANAGEMENT AUDIT

(Group - B)

(2008 Pattern)

Time : 3 Hours]   [Max. Marks : 100

Instructions :

(1) Attempt all questions.

(2) All questions carry equal marks.

(3) Use of non-programmable calculator, wherever necessary, is allowed.

Q.1) "Management Audit can be a potent tool for Managerial Control and Reduction of Cost." Discuss.

OR

Q.1) Define 'Management Audit' and distinguish it from Financial Audit and Cost Audit.

Q.2) What do you understand by Corporate Services and its Audit ? Explain concept, scope and approach.

Q.3) Suggest and enumerate 'Appraisal Areas' which should occupy attention of the Management Audit Team ?

OR

Q.3) (A) Explain meaning and concept of Corporate Image.

(B) Explain Programme Evaluation and Review Technique (PERT).

Q.4) Write short notes : **(Any Four)**

(a) Objectives of Management Audit

(b) Essentials of Management Audit

(c) Evaluation of Research and Development Function

(d) Evaluation of Personnel Development

(e) Operational Audit

(f) Preliminaries of Management Audit

Q.5) From the following data relating to 3 companies for 2009, evaluate corporate image of each company and rank them accordingly.

(Figures in Crores)

	Jet Airways (India) Ltd.	**Kingfisher Airlines Ltd.**	**Spice Jet**
Share Capital	86.33	265.91	184.34
Reserves and Surplus	1,208.32	(–) 2,496.36	(–) 197.11
Net Profit	(–) 1,662.15	(–) 2,576.59	(–) 41.42
Net Assets	14,399.64	1,575.52	38.83
Mutual Funds Investment in the Company	12.94%	1.23%	21.58%
Dividend	–	–	–
EPS	(–) 46.60	(–) 60.50	(–) 14.63
Operating Income	11,571	5,296.17	419.65
Sales	2,371.21	1,313.54	524.69

OR

Q.5) A product comprised of 10 activities whose normal time and cost are given as follows :

Activity	Normal Time (Days)	Normal Cost (Rs.)
1-2	3	50
2-3	3	5
2-4	7	70
2-5	9	120
3-5	5	42
4-5	0	0
5-6	6	54
6-7	4	67
6-8	13	130
7-8	10	166

Indirect Cost Rs. 9 per day.

(a)   Draw network and identify critical path.

(b)   What are the project durations and associated costs ?

(c)   Find out the total float associated with each activity.

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[3870]-308

M. Com. (Semester - III) Examination - 2010
BUSINESS PRACTICE AND ENVIRONMENT
SPECIAL PAPER - V
ENTREPRENEURIAL BEHAVIOUR
(Group - C)
(2008 Pattern)

Time : 3 Hours]   [Max. Marks : 100

Instructions :

(1)   All questions are compulsory.

(2)   All questions carry equal marks.

Q.1) Define the term 'Entrepreneurship'. State and explain prominent features of 'Entrepreneurship'.

OR

Q.1) Discuss Methodology of testing Potential of Entrepreneurship Qualities.

Q.2) State objectives and importance of Entrepreneurship Training.

OR

Q.2) You have been retained by an automobile manufacturer to design training programme to a batch of newly recruited production shop supervisors. Write a note to be submitted to the Training Manager of the Company, incorporating in it the training inputs to be included in the training programme of duration of a week.

Q.3) State qualities required to be possessed by Entrepreneurship Trainer.

OR

Q.3) Explain role of outside training agencies in monitoring training programmes.

Q.4) Identify various business opportunities in Education Sector and the essential prerequisites to achieve these challenges in view of the globalized pattern of higher education in India.

OR

Q.4) Describe Process of Identifying and Assessing Business Opportunity.

Q.5) Write short notes : **(Any Four)**

    (a)   Social Traits of Entrepreneur

    (b)   Training Components

    (c)   Proactive Approach in Business Entrepreneurship

    (d)   Emerging Role of Service Sector in Economic Development

    (e)   Business Counselling

    (f)   Post Training Support

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[3870]-308

मराठी रूपांतर

वेळ : 3 तास]   [एकूण गुण : 100

सूचना :

   (1) सर्व प्रश्न सोडविणे आवश्यक आहे.

   (2) प्रत्येक प्रश्नास समान गुण आहेत.

प्र.1) 'उद्योजकता' या संज्ञेची व्याख्या द्या. उद्योजकतेची प्रमुख वैशिष्ट्ये स्पष्ट करा.

<p align="center">किंवा</p>

प्र.1) उद्योजकाचे सुप्त गुण तपासण्याच्या पद्धतींची चर्चा करा.

प्र.2) उद्योजकता प्रशिक्षणाची उद्दिष्ट्ये व महत्त्व सांगा.

<p align="center">किंवा</p>

प्र.2) वाहन उद्योगातील नव्याने नेमणूक केलेल्या उत्पादक पर्यवेक्षकांसाठीचा प्रशिक्षण कार्यक्रम निश्चित करा.

प्र.3) उद्योजकता प्रशिक्षकाने आत्मसात करावयाचे गुण सांगा.

<p align="center">किंवा</p>

प्र.3) प्रशिक्षण कार्यक्रम नियंत्रित करण्यात बाह्य प्रशिक्षण संस्थांची भूमिका विशद करा.

प्र.4) शिक्षण क्षेत्रांतील विविध व्यावसायिक संधींचा शोध घेऊन, जागतिकीकरणाच्या पार्श्वभूमीवर भारतातील उच्च शिक्षणाची आव्हाने स्वीकारण्यासाठी आवश्यक असणाऱ्या घटकांचा शोध घ्या.

<p align="center">किंवा</p>

प्र.4) व्यावसायिक संधींचा शोध व परीक्षण प्रक्रिया विशद करा.

प्र.5) टिपा लिहा : **(कोणत्याही चार)**

    (अ)   उद्योजकाचे सामाजिक गुण

    (ब)   प्रशिक्षण घटक

    (क)   व्यावसायिक उद्योजकतेतील सकारात्मक दृष्टिकोण

    (ड)   आर्थिक विकासातील सेवा उद्योगाची उदयोन्मुख भूमिका

    (इ)   व्यावसायिक सल्ला

    (फ)   प्रशिक्षणोत्तर पाठिंबा / आधार (Support)

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[3870]-309

M. Com. (Semester - III) Examination - 2010
BUSINESS PRACTICE AND ENVIRONMENT
SPECIAL PAPER - VI
ENTREPRENEURSHIP DEVELOPMENT PATTERN
(Group - C)
(2008 Pattern)

Time : 3 Hours]   **[Max. Marks : 100**

Instructions :

    (1)   All questions are compulsory.

    (2)   All questions carry equal marks.

Q.1) State problems in Entrepreneurship Development in India.

OR

Q.1) What is 'PERT' ? Explain importance of Project in Developing Modern Business Design.

Q.2) Write in detail role of Government in Entrepreneurship Development.

OR

Q.2) Explain Specialized Institutions involved in Entrepreneurship Development Programme.

Q.3) Write in detail the efforts on Entrepreneurship Development Programme in India.

OR

Q.3) Write short notes :

    (a)   Creativity and Innovations

    (b)   Network Analysis

    (c)   Science and Technology and Entrepreneurship Development

    (d)   Project Design

Q.4) Explain role played by Project Management Co-ordination and Control with Industrial Sickness.

OR

Q.4) Write short notes :

    (a)   Project Monitoring

    (b)   Management and Information System

    (c)   Critical Path Method

    (d)   Industrial Sickness

Q.5) Write short notes :

    (a)   Project Direction

    (b)   Different Issues related to Entrepreneurship Development

    (c)   Corporate Strategy

    (d)   Search for Business Idea

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[3870]-309

मराठी रुपांतर

वेळ : 3 तास]   [एकूण गुण : 100

सूचना :

    (1) सर्व प्रश्न सोडविणे आवश्यक आहे.

    (2) सर्व प्रश्नांना समान गुण आहेत.

प्र.1) भारतातील उद्योजकता विकासातील समस्या सांगा.

<div align="center">किंवा</div>

प्र.1) पर्ट (PERT) म्हणजे काय ? प्रकल्प आराखड्याचे आधुनिक व्यावसायिक विकासातील महत्त्व स्पष्ट करा.

प्र.2) उद्योजकता विकासातील सरकारची भूमिका सविस्तर लिहा.

<div align="center">किंवा</div>

प्र.2) उद्योजकता विकास कार्यक्रमातील सहभागी विशेष संस्था स्पष्ट करा.

प्र.3) उद्योजकता विकास कार्यक्रमासंबंधी भारतात कोणते प्रयत्न करण्यात आले यावर सविस्तर माहिती लिहा.

<div align="center">किंवा</div>

प्र.3) थोडक्यात टिपा लिहा :

    (अ) उपक्रमशीलता आणि नवनिर्मिती

    (ब) नेटवर्क विश्लेषण

    (क) विज्ञान व तंत्रज्ञान आणि उद्योजकता विकास

    (ड) प्रकल्प आराखडा

प्र.4) औद्योगिक आजारपणासंबंधी प्रकल्प व्यवस्थापन समन्वय आणि नियंत्रण यासंबंधी भूमिका स्पष्ट करा.

<div align="center">किंवा</div>

प्र.4) थोडक्यात टिपा लिहा :

    (अ)   प्रकल्प मॉनिटरिंग

    (ब)   व्यवस्थापन आणि माहिती पद्धती

    (क)   टिकात्मक मार्ग पद्धती

    (ड)   औद्योगिक आजारपण

प्र.5) थोडक्यात टिपा लिहा :

    (अ)   प्रकल्प दिग्दर्शन

    (ब)   उद्योजकता विकासातील विविध पैलू

    (क)   कंपनीनुसार रचना

    (ड)   व्यावसायिक कल्पनेचा शोध

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[3870]-310

M. Com. (Semester - III) Examination - 2010
BUSINESS ADMINISTRATION
SEPCIAL PAPER - V
HUMAN RESOURCE MANAGEMENT
(Group - D)
(2008 Pattern)

Time : 3 Hours]　　　　　　　　　　　　　[Max. Marks : 100

Instructions :

(1)　All questions are compulsory.

(2)　All questions carry equal marks.

Q.1) Explain various approaches to Human Resource Management.

OR

Q.1) Write short notes :

(a)　Functions of Human Resource Management

(b)　Social Problems of Female Employees

Q.2) Explain in detail Internal and External Sources of Recruitment.

OR

Q.2) Write short notes :

(a)　Objectives of Manpower Planning

(b)　Retention of Manpower

Q.3) Explain Objectives and Methods of Training.

OR

Q.3) Write short notes :

(a)　Training Aids

(b)　Importance of Training

Q.4) Explain various Methods of Job Evaluation.

OR

Q.4) Write short notes :

    (a)   Merit Rating

    (b)   Job Description

Q.5) Write short notes : **(Any Four)**

    (a)   Future of Human Resource Management

    (b)   Types of Interviews

    (c)   Human Resource Outsourcing

    (d)   Voluntary Retirement Scheme (VRS)

    (e)   Benchmarking

    (f)   Dismissal of Employee

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[3870]-310

मराठी रूपांतर

वेळ : 3 तास]   [एकूण गुण : 100

सूचना :

   (1) सर्व प्रश्न सोडविणे आवश्यक आहे.

   (2) सर्व प्रश्नांना समान गुण आहेत.

   (3) संदर्भासाठी मूळ इंग्रजी प्रश्नपत्रिका पहावी.

प्र.1) मानवी संसाधन व्यवस्थापनातील विविध विचारप्रवाह (Approaches) स्पष्ट करा.

किंवा

प्र.1) टिपा लिहा :

   (अ) मानवी संसाधन व्यवस्थापनाची कार्ये

   (ब) महिला कर्मचाऱ्यांच्या सामाजिक समस्या

प्र.2) अंतर्गत व बाह्य भरतीचे मार्ग सविस्तर स्पष्ट करा.

किंवा

प्र.2) टिपा लिहा :

   (अ) मनुष्यबळ नियोजनाची उद्दिष्ट्ये

   (ब) मनुष्यबळ टिकविणे (Retention of Manpower)

प्र.3) प्रशिक्षणाची उद्दिष्ट्ये व पद्धती स्पष्ट करा.

<div align="center">किंवा</div>

प्र.3) टिपा लिहा :

(अ) प्रशिक्षणाची साधने (Training Aids)

(ब) प्रशिक्षणाचे महत्त्व

प्र.4) कार्य मूल्यमापनाच्या (Job Evaluation) विविध पद्धती स्पष्ट करा.

<div align="center">किंवा</div>

प्र.4) टिपा लिहा :

(अ) गुण मूल्यांकन (Merit Rating)

(ब) कार्य वर्णन (Job Description)

प्र.5) टिपा लिहा : **(कोणत्याही चार)**

(अ) मानवी संसाधन व्यवस्थापनाचे भवितव्य

(ब) मुलाखतीचे प्रकार

(क) मानवी संसाधन आऊटसोर्सिंग (Human Resource Outsourcing)

(ड) स्वेच्छा निवृत्ती योजना (VRS)

(इ) बेन्चमार्किंग (Benchmarking)

(फ) कर्मचाऱ्याची बडतरफी (Dismissal of Employee)

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<div align="center">[3870]-310/4</div>

[3870]-311

M. Com. (Semester - III) Examination - 2010
BUSINESS ADMINISTRATION
SPECIAL PAPER - VI
ORGANISATIONAL BEHAVIOUR
(Group - D)
(2008 Pattern)

Time : 3 Hours]   [Max. Marks : 100

Instructions :

    (1)   All questions are compulsory.

    (2)   All questions carry equal marks.

Q.1) Define the term 'Organisational Behaviour'. Explain impact of Globalisation on Organisational Behaviour.

OR

Q.1) Explain Models of Organisational Behaviour.

Q.2) What is 'Organisational Culture' ? State Characteristics of Organisational Culture.

OR

Q.2) What do you mean by 'Personality' ? What are its attributes ?

Q.3) What is 'Job Satisfaction' ? State importance of Job Satisfaction in Organisation.

OR

Q.3) Write a detailed note on creating and maintaining 'Organisational Culture'.

Q.4) Write a detailed note on 'Maslow's Theory'.

OR

Q.4) What is 'Stress' ? What are the causes and effects of Stress ?

Q.5) Write short notes : **(Any Four)**

    (a)   Role of Information Technology in Organisation

    (b)   Impression Management

    (c)   Emotional Intelligence

    (d)   Types of Conflicts

    (e)   Team Building

    (f)   Group Cohesiveness

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[3870]-311

मराठी रूपांतर

वेळ : 3 तास]   [एकूण गुण : 100

सूचना :

    (1) सर्व प्रश्न सोडविणे अनिवार्य आहे.

    (2) सर्व प्रश्नांना समान गुण आहेत.

    (3) संदर्भासाठी मूळ इंग्रजी प्रश्नपत्रिका पहावी.

प्र.1) 'संघटनात्मक वर्तन' या संज्ञेची व्याख्या स्पष्ट करा. संघटनात्मक वर्तनावरील जागतिकीकरणाचा प्रभाव विशद करा.

किंवा

प्र.1) संघटनात्मक वर्तनाची प्रारूपे स्पष्ट करा.

प्र.2) 'संघटनात्मक संस्कृती' म्हणजे काय ? संघटनात्मक संस्कृतीची वैशिष्ट्ये स्पष्ट करा.

किंवा

प्र.2) 'व्यक्तिमत्त्व' म्हणजे काय ? व्यक्तिमत्त्वाचे महत्त्वपूर्ण घटक विशद करा.

प्र.3) 'कार्य समाधान' म्हणजे काय ? संघटनेतील कार्य समाधानाचे महत्त्व स्पष्ट करा.

किंवा

प्र.3) संघटनात्मक संस्कृतीची निर्मिती व जतन यावर सविस्तर भाष्य करा.

प्र.4) 'मॅस्लोचा सिद्धान्त' सविस्तर स्पष्ट करा.

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किंवा

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प्र.4) 'ताणतणाव' म्हणजे काय ? ताणतणावाची कारणे व परिणामे सांगा.

प्र.5) थोडक्यात टिपा लिहा : (**कोणत्याही चार**)

    (अ) संघटनेमध्ये माहिती तंत्रज्ञानाची भूमिका

    (ब) प्रभाव व्यवस्थापन

    (क) भावनिक बुद्धिमत्ता

    (ड) संघर्षाचे प्रकार

    (इ) संघ बांधणी

    (फ) गट एकात्मता

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[3870]-312

M. Com. (Semester - III) Examination - 2010
COMMERCIAL LAWS AND PRACTICES
SPECIAL PAPER - V
LAWS RELATING TO INTERNATIONAL BUSINESS
(Group - E)
(2008 Pattern)

Time : 3 Hours] [Max. Marks : 100

Instructions :

    (1)   All questions are compulsory.

    (2)   All questions carry qual marks.

Q.1) State meaning and nature of International Law.

OR

Q.1) Explain different types of International Laws.

Q.2) What are the International Customs and Modern Sources of International Law ?

OR

Q.2) What are the Rights of Individuals in International Law ?

Q.3) Write notes :

    (a)   Neo-factor Proportion Theory

    (b)   Ohlin Theory

OR

Q.3) What are the Forms of Trade Regulation at National Level ?

Q.4) Clarify Concept of International Court and state its jurisdiction.

OR

Q.4) What is the Procedural Capacity of an Individual in International Law ?

Q.5) Write short notes : **(Any Four)**

    (a)   Arbitration

    (b)   Free Trade V/s Protection

    (c)   Recardo's Theory

    (d)   Factor Proportion Theories

    (e)   Scope of International Law

    (f)   Modes of Conflict Resolution

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[3870]-312

मराठी रूपांतर

वेळ : 3 तास]   [एकूण गुण : 100

सूचना :

    (1) सर्व प्रश्न सोडविणे आवश्यक आहेत.

    (2) सर्व प्रश्नांना समान गुण आहेत.

    (3) संदर्भासाठी मूळ इंग्रजी प्रश्नपत्रिका पहावी.

प्र.1) आंतरराष्ट्रीय कायद्याचे अर्थ व स्वरूप सांगा.

किंवा

प्र.1) आंतरराष्ट्रीय कायद्याचे विविध प्रकार स्पष्ट करा.

प्र.2) आंतरराष्ट्रीय कायद्यातील चाळी व आधुनिक स्रोत काय आहेत ?

किंवा

प्र.2) आंतरराष्ट्रीय कायद्यान्वये वैयक्तिक हक्क काय आहेत ?

प्र.3) टिपा लिहा :

    (अ) न्यूओ-फॅक्टर प्रपोर्शन सिद्धांत

    (ब) ओहलीन सिद्धांत

किंवा

प्र.3) राष्ट्रीय पातळीवरील व्यापार नियमनाचे प्रकार (Forms) काय आहेत ?

प्र.4) आंतरराष्ट्रीय न्यायालय ही संज्ञा स्पष्ट करा व त्याची कार्यकक्षा सांगा.

किंवा

प्र.4) आंतरराष्ट्रीय कायद्यांतर्गत व्यक्तीगत कार्यपद्धती संबंधी मर्यादा काय आहेत ?

प्र.5) टिपा लिहा : **(कोणत्याही चार)**

    (अ)   लवाद

    (ब)   मुक्त व्यापार विरूद्ध संरक्षण (Free Trade V/s. Protection)

    (क)   रिकार्डोचा सिद्धांत

    (ड)   फॅक्टर प्रपोर्शन सिद्धांत

    (इ)   आंतरराष्ट्रीय कायद्याची व्याप्ती

    (फ)   मोडस् ऑफ कॉन्फ्लिक्ट रिझोल्युशन (Modes of Conflict Resolution)

Total No. of Questions : 5]   [Total No. of Printed Pages : 2

[3870]-313

M. Com. (Semester - III) Examination - 2010
COMMERCIAL LAWS AND PRACTICES
SPECIAL PAPER - VI
WORLD TRADE ORGANISATION NORMS AND PRACTICES
(Group - E)
(2008 Pattern)

Time : 3 Hours]   [Max. Marks : 100

Instructions :

(1)   All questions are compulsory.

(2)   Figures to the right indicate full marks.

Q.1) What is World Trade Organisation ? Explain History of Multilateral Trading System.   [20]

OR

Q.1) Explain structure and working of World Trade Organisation. What are the Misunderstandings about W.T.O. ?   [20]

Q.2) What is W.T.O. Accession ? Discuss current status of Individual Accession.   [20]

OR

Q.2) Explain role of W.T.O. in respect of Liberalisation of Trade in Manufacture and Agricultural Trade.   [20]

Q.3) Explain Principles underlying the Patents Law in India.   [20]

OR

Q.3) Explain Dispute Settlement Mechanism of W.T.O.   [20]

Q.4) Review critically the 'Anti-dumping' measures adopted by W.T.O. **[20]**

OR

Q.4) Discuss W.T.O. Report on Anti-dumping and ASEAN Currency Crisis. **[20]**

Q.5) Write short notes : **(Any Four)** **[20]**

    (a)   Objectives of W.T.O.

    (b)   W.T.O. Membership Process

    (c)   Trade related Intellectual Property Rights

    (d)   An Evolution of UR Agreement

    (e)   Globalisation and W.T.O.

    (f)   Provision of Dumping Determination

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[3870]-313

मराठी रूपांतर

वेळ : 3 तास]   [एकूण गुण : 100

सूचना :

    (1) सर्व प्रश्न सोडविणे अनिवार्य आहे.

    (2) उजवीकडील अंक प्रश्नांचे पूर्ण गुण दर्शवितात.

    (3) संदर्भासाठी मूळ इंग्रजी प्रश्नपत्रिका पहावी.

प्र.1) जागतिक व्यापार संघटना म्हणजे काय ? बहुअंगी व्यापारी पद्धतीचा इतिहास स्पष्ट करा. **[20]**

किंवा

प्र.1) जागतिक व्यापार संघटनेची संरचना आणि कामकाज स्पष्ट करा. जागतिक व्यापार संघटनेबाबतचे गैरसमज कोणते ? **[20]**

प्र.2) जागतिक व्यापार संघटन ऑक्सेशन म्हणजे काय ? वैयक्तिक ऑक्सेशनच्या सद्य:स्थितीची चर्चा करा. **[20]**

किंवा

प्र.2) उत्पादकीय व्यापार व शेतीविषयक व्यापाराच्या उदारीकरणासंबंधी जागतिक व्यापार संघटनेची भूमिका स्पष्ट करा. **[20]**

प्र.3) भारतात पेटन्ट कायदा लागू करण्यामागील मूलतत्त्वांचे स्पष्टीकरण करा. **[20]**

किंवा

प्र.3) जागतिक व्यापार संघटनेची कलह निवारण यंत्रणा स्पष्ट करा. **[20]**

प्र.4) जागतिक व्यापार संघटनेने योजलेल्या ऑन्टी-डम्पिंग उपाययोजनांचा टिकात्मक आढावा घ्या. **[20]**

<p style="text-align:center">किंवा</p>

प्र.4) ऑन्टी-डम्पिंग आणि आशियायी चलन समस्या यावरील जागतिक व्यापार संघटनेच्या अहवालाची चर्चा करा. **[20]**

प्र.5) टिपा लिहा : **(कोणत्याही चार)** **[20]**

    (अ) जागतिक व्यापार संघटनेची उद्दिष्ट्ये

    (ब) जागतिक व्यापार संघटनेच्या सभासदत्वाची प्रक्रिया

    (क) बौद्धिक संपदा अधिकारासंबंधी व्यापार

    (ड) यु.आर. ठरावाची उत्क्रांती

    (इ) जागतिकीकरण आणि जागतिक व्यापार संघटना

    (फ) डम्पिंग निर्धारणाच्या तरतूदी

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[3870]-314

M. Com. (Semester - III) Examination - 2010
CO-OPERATION AND RURAL DEVELOPMENT
SPECIAL PAPER - V
CO-OPERATIVE CREDIT SYSTEM
(Group - F)
(2008 Pattern)

Time : 3 Hours]   **[Max. Marks : 100**

Instructions :

(1)   All questions are compulsory.

(2)   All questions carry equal marks.

Q.1) Define Agricultural Credit. State importance of Agricultural Credit.

OR

Q.1) State features and limitations of Agricultural Credit System in India.

Q.2) Explain need for the integration of Short, Medium and Long Term Agricultural Credit.

OR

Q.2) Critically examine structure of Agricultural Credit Co-operatives in India.

Q.3) Describe Organisational Structure and Functioning of District Central Co-operative Banks in Maharashtra.

OR

Q.3) "Primary Agricultural Multipurpose Co-operatives simply provide loans." Discuss.

Q.4) Explain functions and problems of Urban Co-operative Societies.

OR

Q.4) Evaluate Performance of Regional Rural Banks in India.

Q.5) Write short notes : **(Any Two)**

    (a)   Maharashtra State Co-operative Bank

    (b)   Problems of Non-institutional Credit

    (c)   Present Status of Salary Earners Co-operative Credit Societies in Maharashtra

    (d)   Strengths and Weaknesses of Regional Rural Banks

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[3870]-314

मराठी रुपांतर

वेळ : 3 तास]   [एकूण गुण : 100

सूचना :

    (1) सर्व प्रश्न सोडविणे आवश्यक आहेत.

    (2) सर्व प्रश्नांना समान गुण आहेत.

प्र.1) कृषी कर्जाची व्याख्या द्या. कृषी कर्जाचे महत्त्व सांगा.

किंवा

प्र.1) भारतातील कृषी वित्तपुरवठा व्यवस्थेची वैशिष्ट्ये आणि मर्यादा सांगा.

प्र.2) अल्प, मध्यम आणि दीर्घकालीन कृषी कर्जाच्या एकत्रीकरणाची गरज स्पष्ट करा.

किंवा

प्र.2) भारतातील सहकारी कृषी वित्तपुरवठा संस्थांच्या रचनेचे टिकात्मक परीक्षण करा.

प्र.3) महाराष्ट्रातील जिल्हा मध्यवर्ती सहकारी बँकांची संघटनात्मक रचना आणि कार्ये विशद करा.

किंवा

प्र.3) "विविध कार्यकारी प्राथमिक कृषी पतपुरवठा संस्था या केवळ कर्जपुरवठा करतात." चर्चा करा.

प्र.4) नागरी सहकारी संस्थांची कार्ये आणि समस्या स्पष्ट करा.

<div align="center">

किंवा

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प्र.4) भारतातील प्रादेशिक ग्रामीण बँकांच्या कार्यांचे मूल्यमापन करा.

प्र.5) थोडक्यात टिपा लिहा : (**कोणत्याही दोन**)

    (अ)   महाराष्ट्र राज्य सहकारी बँक

    (ब)   बिगर संस्थात्मक कर्ज व्यवस्थेतील समस्या

    (क)   महाराष्ट्रातील पगारदार नोकरांच्या सहकारी पतसंस्थांची सद्यःस्थिती

    (ड)   प्रादेशिक ग्रामीण बँकांची बलस्थाने व दुर्बलस्थाने

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[3870]-315

M. Com. (Semester - III) Examination - 2010
CO-OPERATION AND RURAL DEVELOPMENT
SPECIAL PAPER - VI
CO-OPERATIVE BANKING SYSTEM
(Group - F)
(2008 Pattern)

Time : 3 Hours] [Max. Marks : 100

Instructions :

(1) *All questions are compulsory.*

(2) *Figures to the right indicate full marks.*

Q.1) Describe Eligibility Conditions for Advances to the Priority Sector Schemes. **[20]**

OR

Q.1) Describe various types and procedure followed for giving advances to the Priority Sector. **[20]**

Q.2) Enumerate role of National Federation of Agricultural and Rural Development Banks in the Development of Co-operative Credit. **[20]**

OR

Q.2) Critically evaluate role of National Co-operative Bank for Rural Development in the Provision of Agricultural Credit. **[20]**

Q.3) Examine role of Maharashtra State Co-operative Bank in the Development of Co-operative Movement in Maharashtra. **[20]**

OR

Q.3) Describe Organisation and Management of the Maharashtra State Co-operative Bank. **[20]**

Q.4) Critically evaluate performance of NABARD in Agricultural Refinance. **[20]**

OR

Q.4) Explain role of RBI in the Development of Co-operative Credit. **[20]**

Q.5) Write short notes : **(Any Two)** **[20]**

    (a)   Overdues Follow up Procedure

    (b)   The Functions of National Federation of State Co-operative Banks

    (c)   The Problems of Maharashtra State Co-operative Bank

    (d)   Organisation of NABARD

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[3870]-315

मराठी रूपांतर

वेळ : 3 तास]   [एकूण गुण : 100

सूचना :

    (1) सर्व प्रश्न सोडविणे अनिवार्य आहे.

    (2) उजवीकडील अंक प्रश्नांचे पूर्ण गुण दर्शवितात.

    (3) संदर्भासाठी मूळ इंग्रजी प्रश्नपत्रिका पहावी.

प्र.1) अग्रक्रम क्षेत्रांना कर्ज देण्यासाठी असलेल्या पात्रतेच्या अटी विशद करा.   [20]

किंवा

प्र.1) अग्रक्रम क्षेत्रासाठी असलेल्या विविध प्रकारच्या कर्ज योजना आणि कर्ज देण्याच्या प्रक्रिया विशद करा.   [20]

प्र.2) सहकारी बँकिंग व्यवस्थेच्या विकासामधील कृषी आणि ग्रामीण विकास बँकांच्या राष्ट्रीय संघाची भूमिका विशद करा.   [20]

किंवा

प्र.2) राष्ट्रीय सहकारी ग्रामीण विकास बँकेच्या कृषी वित्तपुरवठ्यामधील भूमिकेचे टिकात्मक परीक्षण करा.   [20]

प्र.3) महाराष्ट्रातील सहकारी चळवळीच्या विकासातील महाराष्ट्र राज्य सहकारी बँकेच्या भूमिकेचे परीक्षण करा.   [20]

किंवा

प्र.3) महाराष्ट्र राज्य सहकारी बँकेचे संघटन आणि व्यवस्थापन विशद करा.   [20]

प्र.4) नाबार्डच्या कृषी पुनर्वित्त पुरवठ्यामधील कार्याचे मूल्यमापन करा. **[20]**

किंवा

प्र.4) सहकारी वित्तव्यवस्थेच्या प्रगतीमधील भारतीय रिझर्व्ह बँकेची भूमिका स्पष्ट करा. **[20]**

प्र.5) टिपा लिहा : **(कोणत्याही दोन)** **[20]**

(अ) कर्ज वसूलीची पद्धत

(ब) राज्य सहकारी बँकांच्या राष्ट्रीय संघाची कार्ये

(क) महाराष्ट्र राज्य सहकारी बँकेच्या समस्या

(ड) नाबार्डचे संघटन

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Total No. of Questions : 5]   [Total No. of Printed Pages : 2

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M. Com. (Semester - III) Examination - 2010
ADVANCED BANKING AND FINANCE
SPECIAL PAPER - V
FOREIGN EXCHANGE
(Group - G)
(2008 Pattern)

Time : 3 Hours]   [Max. Marks : 100

Instructions :

    (1)   All questions are compulsory.

    (2)   Figures to the right indicate full marks.

Q.1) Explain in detail what is Foreign Exchange ? Spell out all the participants in the Foreign Exchange Market.   **[20]**

OR

Q.1) What is Exchange Rate ? How can one take advantage of Spot, Forward and Swap Transactions to ensure best rate ? Explain each transaction with a separate example.   **[20]**

Q.2) Explain in brief different risks associated with Foreign Exchange that an Individual or a Corporate is exposed to.   **[20]**

OR

Q.2) Why do you think Position Risk is Inevitable ? What are the ways in which this risk could be controlled ?   **[20]**

Q.3) Who is a Non-resident Indian ? Explain different types of Bank Accounts an NRI may open.   **[20]**

OR

Q.3) Briefly account for the history of changing Exchange Rate Mechanism in India since independence.   **[20]**

Q.4) What is Letter of Credit ? Explain various types of Letters of Credit. **[20]**

OR

Q.4) Explain in detail objectives, functions and role of EXIM Bank. **[20]**

Q.5) Write notes : **(Any Two)** **[20]**

    (a)   Features of Foreign Exchange Market

    (b)   Factors Influencing Exchange Rate

    (c)   Mate's Receipt

    (d)   Pre and Post-shipment Credit

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[3870]-316

मराठी रूपांतर

वेळ : 3 तास]   [एकूण गुण : 100

सूचना :

    (1) सर्व प्रश्न सोडविणे अनिवार्य आहे.

    (2) उजवीकडील अंक प्रश्नांचे पूर्ण गुण दर्शवितात.

    (3) संदर्भासाठी मूळ इंग्रजी प्रश्नपत्रिकेचा वापर करावा.

प्र.1) विदेशी विनिमय म्हणजे काय ? स्पष्ट करा. विदेशी विनिमय बाजारातील सहभागी
घटक कोणते ते लिहा.   **[20]**

किंवा

प्र.1) विनिमय दर म्हणजे काय ? सर्वोत्तम विनिमय दर मिळविण्यासाठी कोणतीही व्यक्ती
हजर, वायदा आणि अदलाबदल व्यवहाराचा फायदा कसा घेऊ शकते ? प्रत्येक
व्यवहार स्वतंत्र उदाहरणासहित स्पष्ट करा.   **[20]**

प्र.2) व्यक्ती आणि निगम यांना भेडसावणाऱ्या विदेशी विनिमयाशी संबंधित विविध
जोखिमा थोडक्यात स्पष्ट करा.   **[20]**

किंवा

प्र.2) आपणास 'स्थान जोखिम' अपरिहार्य का वाटते ? या जोखिमीचे नियंत्रण करण्यासाठी
विविध मार्ग कोणते ?   **[20]**

प्र.3) अनिवासी भारतीय म्हणजे कोण ? अनिवासी भारतीय बँकेत कोणत्या विविध प्रकारची
खाती उघडू शकतो ते स्पष्ट करा.   **[20]**

किंवा

प्र.3) भारतात स्वातंत्र्यापासूनच्या बदलत्या विनिमय दर प्रणालीच्या इतिहासाचा थोडक्यात
लेखाजोखा घ्या.   **[20]**

प्र.4) पतपत्र म्हणजे काय ? पतपत्रांचे विविध प्रकार स्पष्ट करा. **[20]**

<p style="text-align:center">किंवा</p>

प्र.4) भारतीय आयात-निर्यात बॅकेची उद्दिष्ट्ये, कार्ये आणि भूमिका सविस्तर स्पष्ट करा. **[20]**

प्र.5) टिपा द्या : **(फक्त दोन)** **[20]**

(अ) विनिमय बाजाराची वैशिष्ट्ये

(ब) विनिमय दरावर परिणाम करणारे घटक

(क) दुय्यम कप्तानाची पावती

(ड) नौभरण पूर्व आणि नौभरणोत्तर पतपुरवठा

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[3870]-317

M. Com. (Semester - III) Examination - 2010
ADVANCED BANKING AND FINANCE
SPECIAL PAPER - VI
INTERNATIONAL FINANCE
(Group - G)
(2008 Pattern)

Time : 3 Hours]   [Max. Marks : 100

Instructions :

    (1)   All questions are compulsory.

    (2)   Figures to the right indicate full marks.

Q.1) What is International Banking ? Explain various types of International Banking Offices. **[20]**

OR

Q.1) What are Euro Markets ? Describe any three instruments of Euro Markets. **[20]**

Q.2) (A)   Discuss Development of Euro Dollar Market.

    (B)   What are American Depository Receipts (ADRs) and Global Depository Receipts (GDRs) ? **[20]**

OR

Q.2) Discuss features and weaknesses of Gold Standard. **[20]**

Q.3) Explain the following terms : **[20]**

    (a)   Pegged Currency

    (b)   Convertible and Non-convertible Currency

OR

Q.3) What is Exchange Rate ? Explain Floating Exchange Rate System. **[20]**

Q.4) Discuss objectives, structure and functions of Bank for International Settlements (BIS). **[20]**

OR

Q.4) Discuss objectives and functions of International Monetary Fund (IMF). **[20]**

Q.5) Write notes : **(Any Two)** **[20]**

    (a)   Bretton Woods System

    (b)   International Debt Market

    (c)   International Finance Corporation (IFC)

    (d)   Objectives of International Bank for Reconstruction and Development (IBRD)

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[3870]-317

मराठी रूपांतर

वेळ : 3 तास]   [एकूण गुण : 100

सूचना :

    (1) सर्व प्रश्न सोडविणे आवश्यक आहे.

    (2) उजवीकडील अंक प्रश्नांचे पूर्ण गुण दर्शवितात.

    (3) संदर्भासाठी मूळ इंग्रजी प्रश्नपत्रिका पहावी.

प्र.1) आंतरराष्ट्रीय बँकिंग म्हणजे काय ? आंतरराष्ट्रीय बँकांच्या विविध कार्यालयांचे प्रकार विशद करा.   **[20]**

किंवा

प्र.1) युरो बाजार म्हणजे काय ? युरो बाजाराच्या कोणत्याही तीन साधनांचे वर्णन करा. **[20]**

प्र.2) (अ) युरो डॉलर बाजाराच्या विकासाची चर्चा करा.

    (ब) अमेरिकन डिपॉझिटरी रिसीट्स (ADRs) आणि ग्लोबल डिपॉझिटरी रिसीट्स (GDRs) म्हणजे काय ?   **[20]**

किंवा

प्र.2) सुवर्ण परिमाणाची वैशिष्ट्ये व दोषांची चर्चा करा.   **[20]**

प्र.3) खालील संज्ञा स्पष्ट करा :   **[20]**

    (अ) पेगड् चलन (Pegged Currency)

    (ब) परिवर्तनीय आणि अपरिवर्तनीय चलन

किंवा

प्र.3) विनिमय दर म्हणजे काय ? बदलत्या विनिमय दरांची पद्धती विशद करा.   **[20]**

प्र.4) बँक फॉर इंटरनॅशनल सेटलमेंटची उद्दिष्टे, रचना आणि कार्ये स्पष्ट करा. **[20]**

किंवा

प्र.4) आंतरराष्ट्रीय नाणेनिधीची उद्दिष्टे आणि कार्ये यांची चर्चा करा. **[20]**

प्र.5) टिपा लिहा : (**कोणत्याही दोन**) **[20]**

    (अ) ब्रेटन वूड्स पद्धती

    (ब) आंतरराष्ट्रीय कर्ज बाजार

    (क) आंतरराष्ट्रीय वित्तपुरवठा महामंडळ (IFC)

    (ड) आंतरराष्ट्रीय पुनर्रचना व विकास बँकेची उद्दिष्टे

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[3870]-318

M. Com. (Semester - III) Examination - 2010

ADVANCED MARKETING

SPECIAL PAPER - V

INTERNATIONAL MARKETING

(Group - H)

(2008 Pattern)

Time : 3 Hours]   [Max. Marks : 100

Instructions :

     (1)   *All questions are compulsory.*

     (2)   *All questions carry equal marks.*

Q.1) Describe Reasons for Entry in International Marketing.

OR

Q.1) Explain Recent Import-Export Procedure.

Q.2) Write a detailed note on 'Export Documentation'.

OR

Q.2) (A)   Describe Preliminaries for starting Export Business.

     (B)   Write a note on 'Registration of Exporters'.

Q.3) Explain factors influencing pricing decisions.

OR

Q.3) Explain support given by Government and Semi-government Organisations to Exporters.

Q.4) Describe objectives and challenges in International Marketing.

OR

Q.4) State various facilities and incentives relating to Export Business.

Q.5) Write short notes : **(Any Four)**

    (a)   Scope of International Marketing

    (b)   Marine Insurance

    (c)   Export Credit Limit

    (d)   Functions of W.T.O.

    (e)   Role of Exim Bank

    (f)   Uniform Pricing

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[3870]-318

मराठी रूपांतर

वेळ : 3 तास]　　　　　　　　　　　[एकूण गुण : 100

सूचना :

　　(1) सर्व प्रश्न सोडविणे आवश्यक आहे.

　　(2) सर्व प्रश्नांना समान गुण आहेत.

प्र.1) आंतरराष्ट्रीय विपणनामधे प्रवेश करण्याची कारणे विशद करा.

किंवा

प्र.1) आधुनिक आयात-निर्यात कार्यपद्धती स्पष्ट करा.

प्र.2) 'निर्यात दस्तऐवज' यावर सविस्तर टीप लिहा.

किंवा

प्र.2) (अ) निर्यात व्यापार सुरू करण्यासाठी आवश्यक असणाऱ्या बाबी विशद करा.

　　　(ब) 'निर्यातदारांची नोंदणी' यावर टीप लिहा.

प्र.3) किंमत निर्णयावर प्रभाव टाकणारे घटक स्पष्ट करा.

किंवा

प्र.3) निर्यातदारांना सरकारी व निम-सरकारी संस्थाकडून जे सहाय्य दिले जाते ते स्पष्ट करा.

प्र.4) आंतरराष्ट्रीय विपणनाची उद्दिष्टे व त्यामधील आव्हाने यांचे वर्णन करा.

किंवा

प्र.4) निर्यात व्यवसायाविषयी संबंधित विविध सुविधा व प्रोत्साहने सांगा.

प्र.5) टिपा लिहा : **(कोणत्याही चार)**

    (अ)   आंतरराष्ट्रीय विपणनाची व्याप्ती

    (ब)   सागरी विमा

    (क)   निर्यात पत मर्यादा

    (ड)   जागतिक व्यापार संघटनेची कार्ये

    (इ)   एक्झीम (Exim) बँकेची भूमिका

    (फ)   समान किंमत / एकसारखी

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Total No. of Questions : 5]   [Total No. of Printed Pages : 2

[3870]-319

M. Com. (Semester - III) Examination - 2010

ADVANCED MARKETING

SPECIAL PAPER - IV

MARKETING RESEARCH

(Group - H)

(2008 Pattern)

Time : 3 Hours]   [Max. Marks : 100

Instructions :

       (1)   All questions are compulsory.

       (2)   All questions carry equal marks.

Q.1) What is Marketing Research ? Describe Importance of Marketing Research with reference to Elements of Marketing Mix.

OR

Q.1) Write a detailed explanatory note on 'Marketing Intelligence'.

Q.2) (A)   State characteristics of a Good Hypotheses.

     (B)   Describe advantages and limitations of Interview Technique of Research.

OR

Q.2) Explain various sources used for collecting Market Information.

Q.3) (A)   Write a note on Test Marketing.

     (B)   Write a note on Identifying Market Segments.

OR

Q.3) (A) What is Media Scheduling ?

(B) Write a note on Sales Forecasting.

Q.4) (A) Explain Internet as a Tool of Collecting Secondary Data.

(B) State advantages and limitations of Primary Data.

OR

Q.4) Explain various steps in the Process of Marketing Research.

Q.5) Write short notes : **(Any Four)**

(a) Advertising Research

(b) Market Survey

(c) Research Design

(d) Market Research Agencies of India

(e) Role of Marketing Intelligence in Decision-making

(f) Marketing Mix

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[3870]-319

मराठी रुपांतर

वेळ : 3 तास]   [एकूण गुण : 100

सूचना :

    (1) सर्व प्रश्न सोडविणे आवश्यक आहे.

    (2) सर्व प्रश्नांना समान गुण आहेत.

    (3) संदर्भांसाठी मूळ इंग्रजी प्रश्नपत्रिका पहावी.

प्र.1) विपणन संशोधन म्हणजे काय ? विपणन मिश्राच्या घटकांच्या संदर्भातील विपणन संशोधनाचे महत्त्व वर्णन करा.

किंवा

प्र.1) 'विपणन माहिती व विशेष ज्ञान' (Intelligence) या विषयी स्पष्टीकरणात्मक सविस्तर टीप लिहा.

प्र.2) (अ) आदर्श गृहीतकांची वैशिष्ट्ये सांगा.

      (ब) संशोधनातील 'मुलाखत तंत्रांचे' फायदे व मर्यादा वर्णन करा.

किंवा

प्र.2) बाजारपेठेची माहिती गोळा करण्यासाठी वापरण्यात येणारे विविध स्रोत स्पष्ट करा.

प्र.3) (अ) 'चाचणी विपणन' यावर टीप लिहा.

      (ब) बाजारपेठेचे प्रभाग शोधणे यावर टीप लिहा.

किंवा

प्र.3) (अ) माध्यमाचे वेळपत्रक म्हणजे काय ?

      (ब) 'विक्रीचा अंदाज' यावर टीप लिहा.

प्र.4) (अ) 'दुय्यम तथ्ये गोळा करण्याचे एक साधन' म्हणून इंटरनेटचा वापर स्पष्ट करा.

(ब) प्राथमिक तथ्यांचे फायदे आणि मर्यादा सांगा.

<div align="center">

किंवा

</div>

प्र.4) विपणन संशोधनाच्या प्रक्रियेमधील विविध पायऱ्या स्पष्ट करा.

प्र.5) थोडक्यात टिपा लिहा : (**कोणत्याही चार**)

(अ) जाहिरात संशोधन

(ब) बाजारपेठ सर्वेक्षण

(क) संशोधन आराखडा

(ड) भारतातील बाजारपेठ संशोधनाच्या संस्था

(इ) विपणन माहिती व विशेष ज्ञान (Intelligence) याची निर्णय प्रक्रियेमधील भूमिका

(फ) विपणन मिश्र

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[3870]-351

M.Com. (E-commerce) (Semester - III) Examination - 2010

BUSINESS MODELS OF E-COMMERCE

Time : 3 Hours]　　　　　　　　　　　　　　　　[Max. Marks : 70

Instructions :

    *(1)　Solve **any five** questions.*

    (2)　All questions carry equal marks.

Q.1) What is an Electronic Market ? How does it differ from a familiar market as seen in India ?　**[14]**

Q.2) Discuss in detail Strategic Implications of I.T.　**[14]**

Q.3) What is the Inter-organisational Transaction ? Explain.　**[14]**

Q.4) Discuss advantages and disadvantages of Consumer E-commerce.　**[14]**

Q.5) What is Internet Banking ? Explain various services offered by Internet Banking.　**[14]**

Q.6) Explain Key Components of E-commerce Business Models.　**[14]**

Q.7) Write short notes :　**[14]**

    (a)　Purchasing Online

    (b)　After Sale Online

    (c)　Internet E-commerce

    (d)　A Shopping Basket

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[3870]-352

M.Com. (E-commerce) (Semester - III) Examination - 2010
DATABASE MANAGEMENT SYSTEM (D.B.M.S.)

Time : 3 Hours] [Max. Marks : 70

Q.1) Attempt **any four** of the following : [20]

(a) What is Data Model ? Explain in detail the types of Data Models.

(b) Define Transaction. Describe ACID Properties of Transaction.

(c) What is the use of Aggregate Function ? List several aggregate functions. Explain any two with example.

(d) Discuss Encryption Techniques used by DBMS.

(e) Draw Structure of DBMS. Explain functioning of its components.

Q.2) Attempt **any four** of the following : [20]

(a) List Database Users. Explain function of each User.

(b) Describe Normalisation with example.

(c) Discuss some DDL commands with syntax and example.

(d) Explain Two-phase Locking Protocol.

(e) Write a note on Views.

Q.3) In a Nursery, the plants are sold to the Customers. These plants are flowering and non-flowering only. Nutrients are given to the plant with some quantity. Nutrients include pesticides, watering and manure : [08]

(a) Identify all entities

(b) Identify all relations

(c) Draw E-R diagram

Q.4) (A) Consider the following entities and relationship and solve queries using SQL : **[08]**

Customer (cno, cname, ccity, ph_no)

Item (ino, iname, rate)

Cust_Item (cno, ino, qty)

Customer and Item are related with many_to_many relationship :

(a) Display item details with maximum rate.

(b) Insert five records in customer table.

(c) Find customers staying in 'Pune' city.

(d) Display itemwise total quantity.

(B) Define **any two** with examples : **[04]**

(a) Primary Key

(b) Derived Attribute

(c) Strong Entity Set

Q.5) Attempt **any two** of the following : **[10]**

(a) What is Deadlock ? Explain Deadlock Prevention Techniques.

(b) The following is a list of events in an interleaved execution of set of transactions T_0, T_1, T_2 with two-phase locking protocol :

Time	Transaction	Code
t_1	T_0	Lock (A, X)
t_2	T_1	Lock (B, S)
t_3	T_2	Lock (A, S)
t_4	T_0	Lock (C, X)
t_5	T_1	Lock (D, X)
t_6	T_0	Lock (D, S)
t_7	T_1	Lock (C, S)
t_8	T_2	Lock (B, S)

Construct a wait for graph according to above requests. Is there deadlock at any instance ? Justify.

(c) Consider the following transaction :

T₁	**T₂**
read (A);	read (X);
A = A + 5;	X = X − 10
write (A);	write (X);
read (B);	read (B);
read (C);	B = B − 20;
B = B + 10;	write (B);
write (B);	
C = C + 15;	
write (C);	

Give two non-serial schedules that are serializable.

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Total No. of Questions : 8]   [Total No. of Printed Pages : 2

[3870]-353

M.Com. (E-commerce) (Semester - III) Examination - 2010

E-BANKING AND FINANCIAL SERVICES

Time : 3 Hours]   [Max. Marks : 70

Instructions :

   *(1) Attempt **any five** questions.*

   (2) All questions carry equal marks.

   (3) Figures to the right indicate full marks.

Q.1) Discuss various functions of Commercial Banks in India. **[14]**

Q.2) Define Electronic Banking. State Applications of Electronic Network in Banking Industry. **[14]**

Q.3) Describe Payments and Settlement System based on Information Technology that you studied in your course. **[14]**

Q.4) What is Service Quality in E-Banks ? State and explain strategy adopted by Indian Banks for achieving service quality excellence. **[14]**

Q.5) Oveview Development of Internet Banking in India and also state difficulties faced by banks in spreading Internet Banking. **[14]**

Q.6) Explain working of transmission devices and interface equipments used in Network Banking. **[14]**

Q.7) Explain implication of IT on Human Resources of Banking Industry in India. **[14]**

Q.8) Write short notes : **(Any Two)** [14]

    (a)   Real Time Gross Settlement

    (b)   Electronic Funds Transfer System

    (c)   Banking Services in India

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Total No. of Questions : 5]   **[Total No. of Printed Pages : 2**

[3870]-354

M. Com. (E-commerce) (Semester - III) Examination - 2010
MANAGEMENT CONTROL SYSTEM

Time : 3 Hours]   **[Max. Marks : 70**

Instructions :

(1)   *All questions are compulsory.*

(2)   *Figures to the right indicate full marks.*

Q.1) State and explain Concept of Management Information System (MIS) and state pre-requisites for making MIS effective. **[14]**

OR

Q.1) What do you mean by PERT and CPM ? What are their uses in Managerial Planning and Control ? **[14]**

Q.2) What do you mean by Inventory Control ? State its two techniques. **[14]**

OR

Q.2) Explain Linear Programming. How to formulate L.P. Model ? **[14]**

Q.3) What do you mean by Management Audit ? Describe its process. **[14]**

OR

Q.3) Define Decision-making and explain structured and unstructured Decisions. **[14]**

Q.4) What do you mean by Operation Research ? Explain its techniques. **[14]**

OR

Q.4) Explain Formal and Informal Organisation Structures. **[14]**

Q.5) Write short notes : **(Any Two)** [14]

    (a)   Strategic Planning

    (b)   D.S.S.

    (c)   Queing Theory

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[3870]-355

M.Com. (E-commerce) (Semester - III) Examination - 2010

NETIQUETIES AND CYBER SECURITY

Time : 3 Hours]   **[Max. Marks : 70**

Instructions :

>   *(1)   Solve **any five** questions.*
>
>   *(2)   Figures to the right indicate full marks.*
>
>   *(3)   Give illustrations wherever necessary.*

Q.1) Explain briefly the following terms :   **[14]**

   (a)   IP Address

   (b)   PING

   (c)   Intranet

   (d)   Domain Name

   (e)   Message

   (f)   FINGER

   (g)   CLARINET News

Q.2) What is an E-mail ? List and describe five functions, combined in the E-mail Software Program.   **[14]**

Q.3) What is Telnet ? How does Telnet work ?   **[14]**

Q.4) "Computer Networks are essential for modern businesses for many reasons." Comment.   **[14]**

Q.5) Explain briefly the following terms : **[14]**

    (a)   Knowbot

    (b)   Commercial Database

Q.6) "Usenet provides a forum for interested users on the Internet." Comment. **[14]**

Q.7) Explain briefly the following terms with reference to Usenet News Group : **[14]**

    (a)   Tone of Voice

    (b)   Computer Religion

    (c)   Recent News

    (d)   Cross Posting

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Total No. of Questions : 4]   [Total No. of Printed Pages : 2

[3870]-356

M. Com. (E-commerce) (Semester - III) Examination - 2010

M-COMMERCE TECHNOLOGY AND WAP ARCHITECTURE

Time : 3 Hours]   [Max. Marks : 70

Instructions :

*(1)   Q. **1** is compulsory.*

(2)   Neat diagrams must be drawn whenever necessary.

Q.1) Explain in brief the following terms :   **[10]**

(a)   WAP

(b)   WSPS

(c)   GPS

(d)   Middleware

(e)   Wireless Network

Q.2) Solve the following : **(Any Two)**   **[20]**

(a)   What are the different areas in which M-commerce is emerging and what for it is used in those areas ?

(b)   Explain merits and demerits of Location-based M-commerce Services.

(c)   What is the future of Bluetooth ? Explain alternatives to Bluetooth.

Q.3) Solve the following : **(Any Two)**   **[20]**

(a)   Explain Utility of M-commerce in Entertainment Services.

(b)   How Location affects User Oriented Services ? Give one example.

(c)   Explain GPS Design in detail.

Q.4) Answer the following : **(Any Two)** [20]

    (a) Explain Mobile Financial Service Concept with any two examples.

    (b) Explain www Model in detail.

    (c) Explain 'Quality of Services' in detail. Give example.

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Total No. of Questions : 5]   [Total No. of Printed Pages : 3

[3870]-361

M. C. A. (Commerce Faculty) (Semester - III) Examination - 2010
ADVANCED OPERATING SYSTEM

Time : 3 Hours]   [Max. Marks : 80

Instructions :

    (1)   All questions are compulsory.

    (2)   All questions carry equal marks.

Q.1) Answer the following : **(Any Four)**   [16]

    (a)   What is Registration of Class ? Why it is necessary ?

    (b)   Write note on 'Hungarian Notation'.

    (c)   Differentiate between Modal and Modeless Dialong Boxes.

    (d)   What is Caret ? Explain functionalities of Caret.

    (e)   Explain features of Unix Operating System.

Q.2) State **true** or **false** and justify your answer : **(Any Four)**   [16]

    (a)   WM-Timer is a low priority message.

    (b)   Pre-defined Controls send WM-Command Message while Common Controls send WM-Notify Message to their parents.

    (c)   Device context is a tool used by Windows to insulate your program from real world hardware.

    (d)   Window Scroll Bars and Scroll Bar Controls mean one and the same thing.

    (e)   Common Window Controls generally send WM-Command Message.

Q.3) Answer the following : **(Any Eight)** [16]

    (a)   What is GDI ?

    (b)   What are different Windows Resources ?

    (c)   Under which situation WM-Paint Message is fired ?

    (d)   Write Message Loop.

    (e)   What is Callback Function ?

    (f)   Explain Cat Command with options.

    (g)   How to create and execute Shell Program ?

    (h)   Give typical interrupt levels.

    (i)   Define Process.

    (j)   Draw diagram for Architecture of Unix Systems.

Q.4) Attempt the following : **(Any Four)** [16]

    (a)   The client area is divided into two halves by drawing a horizontal line at the center of client area. When mouse is clicked in upper half, an ellipse is drawn at the centre of upper half. When mouse is clicked in lower half, a rectangle is drawn at the centre of lower half. Write window procedure for the same.

    (b)   Write a window procedure to draw/connect dots/pixels using mouse.

    (c)   Display a push button at the centre of the client area and using up, down, left and right arrow keys move it accordingly.

    (d)   Write a shell program to display factorial of a number.

    (e)   Explain Decision Control Statement of Shell.

Q.5) Answer the following : **(Any Four)** **[16]**

    (a)   What do you mean by Mounting and Unmounting File System ?

    (b)   Explain Process States and Transitions.

    (c)   Give difference between Interrupts and Exception.

    (d)   Explain algorithms for sleep and wake-up.

    (e)   What are Signals ? Explain.

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Total No. of Questions : 5]   [Total No. of Printed Pages : 2

[3870]-362

M. C. A. (Commerce Faculty) (Semester - III) Examination - 2010

HARDWARE CONFIGURATION AND SOLUTION

Time : 3 Hours]   [Max. Marks : 80

Instructions :

     (1)   *All questions are compulsory.*

     (2)   *Figures to the right indicate full marks.*

     (3)   *Give illustrations wherever necessary.*

Q.1) Answer the following : (**Any Four**)   [4x4=16]

   (a)   Define Hardware. Explain briefly any two types of hardware parts.

   (b)   What is Partitioning ? Explain different types of Partitions.

   (c)   Explain Network Troubleshooting Problems.

   (d)   Explain different steps to make Crossover Cable.

   (e)   Describe various steps for installing Linux Operating System.

Q.2) Answer the following : (**Any Four**)   [4x4=16]

   (a)   What is Booting ? Explain different methods of Booting Process.

   (b)   List any four Monitor Problems. Explain how to troubleshoot those problems ?

   (c)   Explain different types of Switches.

   (d)   Describe Address Resolution Problems.

   (e)   Explain different types of ROMs.

Q.3) Answer the following : **(Any Four)** [4x4=16]

(a) What are the advantages of ATX Motherboard over older Motherboard Styles ?

(b) Explain any two Crimping Tools.

(c) Explain any two types of Printers.

(d) Explain different Connectors used in LAN.

(e) Describe Internet-working Issues.

Q.4) Answer the following : **(Any Four)** [4x4=16]

(a) What is Passive and Active Matrix ?

(b) What is File Server ? Explain different types of File Servers.

(c) Explain steps to Setup Wireless Network.

(d) Explain any four steps for Selecting Cables.

(e) Explain structure of cat 5 cable.

Q.5) Write short notes : **(Any Four)** [4x4=16]

(a) NTFS

(b) Workstation

(c) BIOS

(d) Physical Layer Issues

(e) IEEE 802.3 Ethernet

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Total No. of Questions : 8]   [Total No. of Printed Pages : 2

[3870]-363

M.C.A. (Commerce Faculty) (Semester - III) Examination - 2010

ENTERPRISE RESOURCE PLANNING AND MANAGEMENT

Time : 3 Hours]   **[Max. Marks : 80**

Instructions :

*(1)   Solve **any five** questions.*

(2)   Figures to the right indicate full marks.

(3)   Give illustrations, draw diagrams wherever necessary.

Q.1) What is ERP ? What are the benefits of ERP Systems ?   **[16]**

Q.2) What is Business Process Re-engineering ? What are its characteristics ? **[16]**

Q.3) What do you understand by Data Warehousing ? Explain major components of Data Warehousing.   **[16]**

Q.4) Write down general guidelines which are to be followed before starting implementation of an ERP Package.   **[16]**

Q.5) Explain the following terms :   **[16]**

    (a)   EDI Standard

    (b)   EDI Services

    (c)   EDI Components

    (d)   EDI Translator

Q.6) What is an Enterprise System ? Explain briefly Business Processes supported by Enterprise System.   **[16]**

Q.7) Write short notes : **[16]**

    (a)   ERP and Internet

    (b)   ERP and E-commerce

Q.8) Define and describe an EDI with an example. **[16]**

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Total No. of Questions : 4] [Total No. of Printed Pages : 2

[3870]-364

M. C. A. (Commerce Faculty) (Semester - III) Examination - 2010

BUSINESS STRATEGIES

Time : 3 Hours] [Max. Marks : 80

Instructions :

(1) All questions are compulsory.

(2) All questions carry equal marks.

Q.1) Answer the following : **(Any Four)**

(a) What do you mean by Strategy ? Explain Corporate Strategy in short.

(b) Write a note on Strategy Implementation.

(c) What are Marketing Policies ? Explain.

(d) State and explain Concept of Mission and Purpose.

(e) Give meaning of SWOT Analysis.

Q.2) Attempt **any four** of the following :

(a) State Reasons for Mergers and Acquisitions.

(b) Explain Concept of Strategic Control.

(c) Write a note on Environmental Diagnosis.

(d) Write a note on Value Chain Analysis.

(e) What strategy will you select for Weak and Crisis Ridden Businesses ?

Q.3) Attempt **any two** of the following :

(a) State and explain factors affecting Strategic Choice.

(b) Describe Components of Business Environment.

(c) Describe Functional Strategies by giving suitable examples.

Q.4) Write short notes : **(Any Four)**

(a) Elements of Mission Statement

(b) Importance of Objectives

(c) Strategy Formulation

(d) Financial Policies

(e) Horizontal Integration

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Total No. of Questions : 5]   [Total No. of Printed Pages : 2

[3870]-365

M. C. A. (Commerce Faculty) (Semester - III) Examination - 2010

CYBER LAW AND ETHICS

Time : 3 Hours]   [Max. Marks : 80

Instruction :

    All questions are compulsory.

Q.1) Attempt **any four** of the following :   [4x4=16]

   (a)   Explain Digital Signature in detail.

   (b)   How Insurance and Internet are related ? Explain.

   (c)   Explain Mathematical Basis of Encryption.

   (d)   Define Cyber Stalking. Explain factors related to Cyber Stalking.

   (e)   Explain Concept of Validity and Electronic Transaction.

Q.2) Attempt **any four** of the following :   [4x4=16]

   (a)   Explain UDP Attack.

   (b)   Explain Evolution of Law in Cyber Space.

   (c)   Explain Internet Crimes and Web Based Crimes.

   (d)   Is Hacking a Cyber Crime ? Explain in detail.

   (e)   What is Mirror Image Rule ? What are the applications of Mirror Image Rule ?

Q.3) Attempt **any four** of the following :   [4x4=16]

   (a)   Explain Computer Viruses in detail.

   (b)   Explain Public Key Encryption. What are the advantages of Pubic Key Encryption ?

   (c)   Explain Data Encryption Standard.

   (d)   Explain how Computer is a target of the Criminals ?

   (e)   List down the Mistakes in E-commerce.

Q.4) Attempt **any four** of the following :   **[4x4=16]**

    (a)   Explain Jurisdiction in detail.

    (b)   Give some limitations of Symmetric and Asymmetric Cryptosystem.

    (c)   What is Online Harassment ? Explain.

    (d)   Explain Extent of Cyber Stalking.

    (e)   Explain Concept of Elliptic Curve Digital Signature.

Q.5) Attempt **any four** of the following :   **[4x4=16]**

    (a)   How parties are identified in E-commerce ?

    (b)   List all the Duties of Subscribers.

    (c)   List all the Proprietary Algorithms.

    (d)   Is Cyber a Gift or a Curse to the Society ? Comment.

    (e)   Give Indian Schema of Offences and Punishment provided under IT Act.

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Total No. of Questions : 5]   [Total No. of Printed Pages : 2

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M. C. A. (Commerce Faculty) (Semester - III) Examination - 2010
FINANCIAL AND INVESTMENT ANALYSIS

Time : 3 Hours]   [Max. Marks : 80

Instruction :

      All questions are compulsory and carry equal marks.

Q.1) What is Financial and Investment Analysis ? Explain various quantifiable and qualitative factors which are to be considered in Financial Analysis.

<p align="center">OR</p>

Q.1) What do you understand by 'Derivative Trading' ? Explain various Categories of Derivative Trading.

Q.2) What is 'Economic Analysis' and 'Industry Analysis' ? Explain various factors in Industry Analysis.

<p align="center">OR</p>

Q.2) What is O.T.C.E.I. ? Explain its role and importance in the Industrial Development of the Country.

Q.3) What do you understand by the Evaluation of Portfolio Performance ? Explain various methods of such Evaluation.

<p align="center">OR</p>

Q.3) What is 'Diversification' ? Explain various methods of effecting Diversification.

Q.4) What is MARKOWITZ Model ? Explain assumptions and parameters of Markowitz Diversification.

<p align="center">OR</p>

Q.4) What is 'Technical Analysis' ? Explain various tools of 'Technical Analysis'.

Q.5) Write detailed notes on **any two** of the following :

    (a)   Investment Vs Speculation

    (b)   N.S.C.

    (c)   Traditional Portfolio Analysis

    (d)   Company Analysis

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