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M.D. (Branch-V)

PREVENTIVE & SOCIAL MEDICINE

(Paper - I)

Time : 3 Hours]

[Max. Marks : 100

Instructions to the candidates:

- 1) All questions are compulsory.*
- 2) Neat diagrams must be drawn wherever necessary.*
- 3) Figures to the right indicate full marks.*
- 4) Your answers will be valued as a whole.*

Q1) Prepare a plan for implementation for an IEC programme against Dental problems for children in Maharashtra. **[26]**

Q2) What is high risk pregnancy? Describe the components of antenatal care aimed at ensuring C.S.S.M. **[25]**

Q3) Describe child labour in detail and mention various measures to prevent it. **[25]**

Q4) Write short notes on **[24]**

- a) Acculturation.
- b) Critical path method.
- c) Chromosomal disorders.
- d) Casual association.



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[3846] - 2

M.D. (Branch-V)

PREVENTIVE & SOCIAL MEDICINE

(Paper - II)

Time : 3 Hours]

[Max. Marks : 100

Instructions to the candidates:

- 1) All questions are compulsory.*
- 2) Neat diagrams must be drawn wherever necessary.*
- 3) Figures to the right indicate full marks.*
- 4) Your answers will be valued as a whole.*

Q1) Describe briefly the Epidemiology of Accute respiratory infection in children. [26]

Q2) Prepare a plan to findout nutritional health problems in Tribal block of Maharashtra. [25]

Q3) Discuss the role of Biostatistics in clinical Trial. [25]

Q4) Write short notes on: [24]

- a) Cluster sampling.
- b) Vitamin 'A'.
- c) Human development Index.
- d) Sex ratio in India.



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[3846] - 3

M.D. (Branch-V)

PREVENTIVE & SOCIAL MEDICINE

(Paper - III)

Time : 3 Hours]

[Max. Marks : 100

Instructions to the candidates:

- 1) All questions are compulsory.*
- 2) Neat diagrams must be drawn wherever necessary.*
- 3) Figures to the right indicate full marks.*
- 4) Your answers will be valued as a whole.*

Q1) Discuss the principles of Ergonomics for Heavy Vehicle Driver for safe driving. **[26]**

Q2) Prepare a plan for provision of Health services require for prevention of spread of Communicable diseases at Alandi Yatra. **[25]**

Q3) Discuss the problem of food adulteration in India and suggest measures to prevent it. **[25]**

Q4) Write short notes on: **[24]**

- a) Mass drug administration.
- b) Radiation hazard.
- c) Biogas plant.
- d) Thermal comfort.



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M.D. (Branch-V)

PREVENTIVE & SOCIAL MEDICINE

(Paper - IV)

Time : 3 Hours]

[Max. Marks : 100

Instructions to the candidates:

- 1) All questions are compulsory.*
- 2) Neat diagrams must be drawn wherever necessary.*
- 3) Figures to the right indicate full marks.*
- 4) Your answers will be valued as a whole.*

Q1) Describe environmental health problems created by unplanned urbanization and mention the measures to prevent the same. **[26]**

Q2) Discuss the National Nutritional policy. **[25]**

Q3) Describe Epidemiology of chickungunya fever and enumerates its prevention and control measures. **[25]**

Q4) Write short notes on **[24]**

- a) Carrier according to Natural history of disease.
- b) Warning signals of Poor Mental Health.
- c) Baby friendly hospital.
- d) Quarantine.



Total No. of Questions : 4]

[Total No. of Pages : 1

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[3846] - 5
M.S. (ENT)
BASIC SCIENCES
(Paper - I)

Time : 3 Hours]

[Max. Marks : 100

Instructions to the candidates:

- 1) All questions are compulsory.*
- 2) Neat diagrams must be drawn wherever necessary.*
- 3) Figures to the right indicate full marks.*
- 4) Your answers will be valued as a whole.*
- 5) Write prescriptions where indicated, and in the use of drugs their doses should be given.*

Q1) Discuss origin, circulation and absorption of perilymph and endolymph. Briefly discuss their role in pathogenesis of Meniere's Disease. **[30]**

Q2) Discuss the physiology of deglutition. Enumerate the causes of dysphagia. **[30]**

Q3) Write short notes on:

- a) Otic barotrauma. **[10]**
- b) Pharmacotherapy of Migraine. **[10]**

Q4) Write short notes on:

- a) Waldeyer's ring. **[10]**
- b) Lasers in ENT. **[10]**



Total No. of Questions : 4]

[Total No. of Pages : 1

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[3846] - 6
M.S. (ENT)
DISEASES OF EAR
PAPER - II

Time : 3 Hours]

[Max. Marks : 100

Instructions to the candidates:

- 1) All questions are compulsory.*
- 2) Neat diagrams must be drawn wherever necessary.*
- 3) Figures to the right indicate full marks.*
- 4) Your answers will be valued as a whole.*
- 5) Write prescriptions where indicated, and in the use of drugs their doses should be given.*

Q1) Discuss the aetiopathology, Clinical features, and management of chronic otitis Media in paediatric Age Group. **[30]**

Q2) Discuss the aetiopathology, diagnosis and management of Otosclerosis. **[30]**

Q3) Write short notes on:

- a) B.E.R.A. **[10]**
- b) Paediatric Cochlear Implant procedure. **[10]**

Q4) Write short notes on:

- a) Clinical significance of Nystagmus - Spontaneous and induced. **[10]**
- b) Bell's Palsy. **[10]**



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[3846] - 7

M.S. (ENT)

DISEASES OF NOSE & PARANASAL SINUSES

(PAPER - III)

Time : 3 Hours]

[Max. Marks : 100

Instructions to the candidates:

- 1) All questions are compulsory.*
- 2) Neat diagrams must be drawn wherever necessary.*
- 3) Figures to the right indicate full marks.*
- 4) Your answers will be valued as a whole.*
- 5) Write prescriptions where indicated, and in the use of drugs their doses should be given.*

Q1) What is Rhinoplasty? Discuss different types of corrective plastic procedures employed in Nasal Surgery. **[30]**

Q2) Discuss the vascular anatomy and pathophysiology relevant to Intractable epistaxis. Describe how would you manage such a case? **[30]**

Q3) Write short notes on:

- a) Orbital Decompression. **[10]**
- b) Choanal Atresia. **[10]**

Q4) Write short notes on:

- a) Transnasal Endoscopic approach to pituitary Tumours. **[10]**
- b) Complications of Functional Endoscopic Sinus Surgery (FESS). **[10]**



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[3846] - 8

M.S. (ENT)

**DISEASES OF THROAT, LARYNX, TRACHEOBRONCHIAL
TREE & OESOPHAGUS**

(Paper - IV)

Time : 3 Hours]

[Max. Marks : 100

Instructions to the candidates:

- 1) *All questions are compulsory.*
- 2) *Neat diagrams must be drawn wherever necessary.*
- 3) *Figures to the right indicate full marks.*
- 4) *Your answers will be valued as a whole.*
- 5) *Write prescriptions where indicated, and in the use of drugs their doses should be given.*

Q1) Discuss the aetiopathology, clinical features and management of a case of carcinoma larynx. **[30]**

Q2) Discuss the aetiopathology, clinical evaluation, investigations and the management strategies in a case of Obstructive Sleep Apnoea Syndrome (OSAS). **[30]**

Q3) Write short notes on:

- a) Solitary Nodule of Thyroid. **[10]**
- b) Oral Leukoplakia. **[10]**

Q4) Write short notes on:

- a) Functional Neck Dissection. **[10]**
- b) Stroboscopy. **[10]**

