

Total No. of Questions : 12]

SEAT No. :

P431

[Total No. of Pages : 2

[4368] - 34

**T.Y. B.Des. (Set Design)**

**LIGHT AND CAMERA - II**

**(Semester -VI)**

*Time : 3 Hours]*

*[Max. Marks :100*

*Instructions to the candidates:*

- 1) *Question No. 12 is compulsory.*
- 2) *Attempt any 5 questions out of Question No. 1 to 7.*
- 3) *Attempt any 2 questions out of Question No. 8 to 11.*
- 4) *Figures to the right indicate marks for the respective questions.*
- 5) *Draw proportionate sketches wherever necessary.*

**Q1)** What is Aspect Ratio? What are the Types of Films? **[8]**

**Q2)** Explain the Lighting Styles used in cinema. **[8]**

**Q3)** Explain the physical properties of Light & Coloured light. **[8]**

**Q4)** What are the important factors in Light Design for Cinema and Television? **[8]**

**Q5)** Explain the working relationship between Art director and D.O.P. **[8]**

**Q6)** What equipments and accessories are generally for Basic Lighting for video productions? Explain their applications. **[8]**

**Q7)** Give names of ten famous Cinematographers from Hindi Film Industry with their famous work. **[8]**

**Q8)** Explain the Concepts of Shot, Shot Size, Camera Angle & Camera Movements with their applications. **[15]**

**Q9)** What is Visual Composition of a frame to make a cinematic presentation? What are its elements? **[15]**

**P.T.O.**

**Q10)** What is HD camera? How it works? **[15]**

**Q11)** What is the difference between Magnetic Tape, Digital Recording and Celluloid Film with reference to filmmaking? **[15]**

**Q12)** Make detailed storyboard for following actions (Any 3): **[30]**

- A mechanic repairing a motor bike in a service centre.
- Waiters arranging a dinner table.
- A women fetching water from a well in a village.
- Boys playing cricket.
- 3 friends chatting in a college canteen.



Total No. of Questions : 10]

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P428

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**T.Y. B.Des. (Product Design)**  
**MATERIALS & PROCESSES - IV**  
**(Semester - VI)**

*Time : 3 Hours]*

*[Max. Marks :100*

*Instructions to the candidates:*

- 1) Attempt 50 marks from each section.*
- 2) Please explain each question in-terms of applicable product, material, its assembly process, advantages and disadvantages along with a detailed sketch.*

**SECTION - I**

- Q1)* Ultrasonic welding. [20]
- Q2)* WIM & GAIN technology. [20]
- Q3)* Hot plate joining. [10]
- Q4)* Insert moulding. [10]
- Q5)* Design a Kitchen knife with insert moulding technology. [10]

**SECTION - II**

- Q6)* Design a shampoo bottle with flip top cap. [20]
- Q7)* Laser welding. [10]
- Q8)* Metric, British, Wood working and Self tapping screws. [20]
- Q9)* Spin welding. [10]
- Q10)* Types of RP and application. [10]



Total No. of Questions : 4]

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P429

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**T.Y. B.Des. (Set Design) (Semester - VI)**

**MATERIALS AND CONSTRUCTION - IV**

*Time : 3 Hours]*

*[Max. Marks :100*

*Instructions to the candidates:*

- 1) *All questions are compulsory.*
- 2) *Draw neat diagram where necessary.*

**Q1)** Write briefly about following (Any 5):

**[30]**

- a) Trapezoidal footing.
- b) Flemish bond.
- c) Random rubble masonry.
- d) Peble dash plaster.
- e) Types of paints.
- f) Shahabad flooring.

**Q2)** Explain with sketches (Any 3):

**[30]**

- a) Causes of fire.
- b) Fire extinguishers.
- c) Characteristics of fire resistant material.
- d) Spinkler system.

**Q3)** Describe following (Any 5):

**[20]**

- a) Types of wiring.
- b) Earthing.
- c) Colour code in single phase current.
- d) Portable generator.
- e) Lightning conductor.
- f) Battery inverter.

**P.T.O.**

**Q4)** Answer the following (Any 4):

**[20]**

- a) What do you mean by connector? Explain its importance.
- b) Why electrification is considered as important part of set design?
- c) Why fire extinguishers are necessary on out door locations?
- d) What kind of consideration would you take while designing set with respect to fire?
- e) Make a list of materials which are fire resistant.



Total No. of Questions : 6]

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**T.Y. B.Des. (Set Design)**

**HISTORY - IV**

**(Semester - VI)**

*Time : 3 Hours]*

*[Max. Marks :100*

*Instructions to the candidates:*

- 1) *All questions are compulsory.*
- 2) *Figures to the right indicate full marks.*
- 3) *Please draw illustrations wherever necessary.*

**Q1)** Write short notes on (any four):

**[20]**

- a) Ceramics in Islamic Art.
- b) Liwan.
- c) Rugs & Carpets.
- d) Sehan.
- e) Metalworks.

**Q2)** Write a note on Islamic art. Describe the various art forms developed in different territories governed by Islamic Rule. **[18]**

**Q3)** Define mosque. Explain the same with various examples to understand development of the mosque. **[12]**

**Q4)** Write short notes on (any five):

**[25]**

- a) Auguste & Louis Lumiere.
- b) Edward Muybridge.
- c) Greek Theater.
- d) George Eastman.
- e) Satyajit Ray.
- f) Dadasaheb Phalke.

**P.T.O.**

**Q5)** Write short notes on:

**[15]**

- a) Pinhole Camera.
- b) Magic Lantern.
- c) Tintypes.

**Q6)** Describe evolution of Marathi Theater.

**[10]**

