

**Note:** All Questions Are Compulsory.  
All questions carry equal marks.  
Internal options are available.  
Draw suitable diagrams wherever necessary to support your answer.

- Q.1 Define the concepts: **Any Five** 15
- A Zoom Lens
  - B Process colours
  - C Signature
  - D Exposure
  - E Lens: 70~200mm f-1:2.8 ED, IF; Ø72mm
  - F Metering Modes
- Q.2 A Compare Depth of Field & Bokeh. Comment on the factors responsible for Depth of field. 08
- B What is 'Exposure Compensation?' What are the situations where it is necessary to use? 07
- OR**
- C What is 'Composition?' Describe with diagrams any six rules of composition. 15
- Q.3 A Explain 'Three point Lighting'. Why lighting is necessary? Discuss any two lighting techniques. 08
- B What is 'Synchronisation?' Discuss on applications of Slow Sync. 07
- OR**
- C Explain 'Gravure printing' process & comment on the technology, quality, cost & limitations of gravure printing. Diagram necessary. 08
- D What is 'Perspective?' Discuss types of perspective & give two examples. 07
- Q.4 A Discuss various techniques to achieve 'Motion Blur.' Comment on Degree of blur. 08
- B What is 'Colour Temperature?' Explain its relation to 'White Balance'. Explain all presets of White Balance in camera. 07
- OR**
- C What is 'Quality of Light'? What are the factors it depends on? Discuss various light modifiers. 15
- Q.5 Write short notes on **Any Three** of the following. 15
- A Exposure Modes
  - B Silk Screen Printing
  - C LPI & Screen angle
  - D Exposure Triangle
  - E Halftone