

· Total number of printed pages - 7

**63(FY) SEM-2/IDC/MOCIDC1033**

**2024**

**BASICS OF PHOTOGRAPHY**

Paper : MOCIDC1033

*Full Marks : 70*

*Pass Marks : 28*

Time : Three hours

***The figures in the margin indicate full marks for the questions.***

1. Choose the correct answer ***(All compulsory)***  
1×8=8

(i) Which of the following is a vital control in photography that determines the amount of light that reaches the image sensor ?

- (a) ISO
- (b) Shutter speed
- (c) Focal length
- (d) Aperture

*Contd.*

- (ii) What is the term used to describe the aesthetic arrangement of elements in a photograph ?
- (a) Exposure
  - (b) Composition
  - (c) Depth of Field
  - (d) Image Sensor
- (iii) Which type of camera uses a mirror to reflect light through the lens to an optical viewfinder ?
- (a) DSLR camera
  - (b) Mirrorless camera
  - (c) Point and shoot camera
  - (d) Bridge camera
- (iv) What role does the photographic image play in visual communication ?
- (a) Documenting historical events
  - (b) Conveying emotions and messages
  - (c) Providing entertainment
  - (d) Enhancing color vibrancy

- (v) Which term refers to the detailed planning and organization of elements within a photograph to create an appealing visual outcome ?
- (a) Depth of Field
  - (b) Image Sensor
  - (c) Composition
  - (d) ISO
- (vi) In photography, what does the abbreviation 'DSLR' stand for ?
- (a) Digital Sensor Lens Reflex
  - (b) Dual Shot Lens Rotator
  - (c) Digital Single-Lens Reflex
  - (d) Dynamic Shutter Light Rendition
- (vii) Which photographic equipment is used to enlarge and project developed images onto light-sensitive paper during the printing process ?
- (a) Photographic enlarger
  - (b) Lens accessories
  - (c) Image sensor
  - (d) Exposure control

(viii) What factor primarily determines the sharpness and clarity of a photograph by defining the range of distances that appear in focus?

- (a) ISO setting
- (b) Shutter speed
- (c) Aperture size
- (d) Image resolution

2. Answer the following questions : **(any six)**

2×6=12

- (i) What is the role of exposure control in photography?
- (ii) Differentiate between ISO and depth of field in photography.
- (iii) What are the vital controls a photographer must consider while clicking a photograph?
- (iv) Why is composition an essential aspect of photography?

(v) What do you mean by pixel?

(vi) Mention the significance of depth of field in photography.

(vii) What is the importance of image sensors in digital photography?

(viii) What is the purpose of photographic lenses in photography?

3. Answer the following questions : **(any six)**

5×6=30

- (i) How does light quality and direction affect photographic compositions?
- (ii) Explain the importance of photographic lenses in capturing high-quality images.
- (iii) Describe the elements of photography and their significance.
- (iv) Explain the importance of file formats in digital photography and their implications on image quality.
- (v) Explain the role of photographic image in visual communication.

- (vi) Differentiate between early and modern cameras in terms of technology and implications on photography.
- (vii) Describe the vital controls in photography and their importance while capturing an image.
- (viii) Illustrate the elements of photography and how they contribute to creating compelling images.
- (ix) How does the concept of depth of field affect the visual outcome of a photograph ?

4. Answer the following questions : **(any two)**

10×2=20

- (i) Discuss the importance of lens accessories in photography and how they enhance the photographic process.
- (ii) Define the term 'Exposure control' in photography and explain its significance in capturing a well-balanced image.
- (iii) Discuss the concept of 'Depth of Field' in photography and how it can be used creatively to enhance the visual impact of an image.

- (iv) Identify the key differences between 'Black and White Photography' and 'Colour Photography'. Explain how the choice of colour or monochrome can impact the mood and storytelling in photographic images.