

**24-0008-AB**

**TEST BOOKLET  
PAPER – II**

**Time Allowed: 2 hours**

**Maximum Marks: 150**

**INSTRUCTIONS TO CANDIDATES**

*Read the instructions carefully before answering the questions:*

1. This Test Booklet consists of **08 (eight) pages**.
2. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS BOOKLET **DOES NOT** HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET.
3. **Please note that it is the candidate's responsibility to fill in the Roll Number and other required details carefully and without any omission or discrepancy at the appropriate places in the OMR Answer Sheet and the Separate Answer Booklet. Any omission/discrepancy will render the OMR Answer Sheet and the Separate Answer Booklet liable for rejection.**
4. Do not write anything else on the OMR Answer Sheet except the required information. Before you proceed to mark in the OMR Answer Sheet, please ensure that you have filled in the required particulars as per given instructions.
5. Use **only Black Ball Point Pen** to fill the OMR Answer Sheet.
6. This Test Booklet is divided into 4 (four) parts – **Part – I, Part – II, Part – III and Part – IV**.
7. All four parts are **Compulsory**.
8. **Part-I consist of Multiple Choice-based Questions.** The answers to these questions have to be marked in the **OMR Answer Sheet** provided to you.
9. **Part – II to Part – IV consist of Conventional Questions.** The answers to these questions have to be written in the **Separate Answer Booklet** provided to you.
10. In Part-I, each item (question) **comprises of 04 (four) responses (answers)**. You are required to select the response which you want to mark on the OMR Answer Sheet. In case you feel that there is more than one correct response, mark the response which you consider the best. In any case, choose **ONLY ONE** response for each item.
11. After you have completed filling in all your responses on the OMR Answer Sheet and the Answer Booklet(s) and the examination has concluded, you should hand over to the Invigilator **only the OMR Answer Sheet and the Answer Booklet(s)**. You are permitted to take the Test Booklet with you.
12. **Penalty for wrong answers in Multiple Choice-based Questions:**  
THERE WILL BE **PENALTY** FOR WRONG ANSWERS MARKED BY A CANDIDATE.
  - (i) There are four alternatives for the answer to every question. For each question for which a wrong answer has been given by the candidate, **one-third** of the marks assigned to the question will be deducted as penalty.
  - (ii) If a candidate gives more than one answer, it will be treated as a **wrong answer** even if one of the given answers happens to be correct and there will be same penalty as above to the question.
  - (iii) If a question is left blank. i.e., no answer is given by the candidate, there will be **no penalty** for that question.

**DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE ASKED TO DO SO**

## PART – I

### MULTIPLE CHOICE QUESTIONS

Choose the correct answer for the following questions from the options given below:  
(2x25=50)

1. The word “Photography” is taken from -
  - A) Latin
  - B) Greek
  - C) American
  - D) French
2. Which company used the slogan "You press the button and we do the rest"?
  - A) Konica
  - B) Fuji
  - C) Kodak
  - D) Agfa
3. Colour temperature is measured in -
  - A) Joules
  - B) Kelvins
  - C) Angstrom
  - D) Watts
4. The primary colours in Photography are -
  - A) Red, Green & Yellow
  - B) Green, Blue & Cyan
  - C) Cyan, Yellow & Magenta
  - D) Red, Green & Blue
5. Light bending property is known as -
  - A) Refraction
  - B) Reflection
  - C) Absorption
  - D) Transmission
6. The full frame camera sensor size is -
  - A) 23.6 x 15.6 mm
  - B) 17 x 13mm
  - C) 24 x36 mm
  - D) 44 x 33 mm

7. Proper arrangement of visual elements in a frame to give pleasing effect is called -
- A) Perspective
  - B) Composition
  - C) Art work
  - D) None of the above
8. Resolution of 4K image in a Camera -
- A) 3840 x 2160
  - B) 1920 x 1080
  - C) 7680 X 4320
  - D) 720 x 480
9. Which of the following tools selects the areas of similar colour in Photoshop?
- A) Lasso
  - B) Magic wand
  - C) Move
  - D) Marquee
10. Duration of the time in a camera controlled by which of the following?
- A) Aperture
  - B) Viewfinder
  - C) Lens
  - D) Shutter
11. The Lightroom software was developed by -
- A) Nikon
  - B) Sony
  - C) Adobe
  - D) Canon
12. If f/16 and 1/125 give the correct exposure, what would be the shutter speed for f/8?
- A) 1/60
  - B) 1/15
  - C) 1/1000
  - D) 1/500
13. Lens used for taking close-up pictures -
- A) Macro
  - B) Normal
  - C) Tele photo
  - D) Micro

14. An instrument used to measure the light is known as-
- A) Light meter
  - B) Volt meter
  - C) Ammeter
  - D) None of the above
15. The focal length of a lens is measured in -
- A) Kilometers
  - B) Nanometers
  - C) Millimeters
  - D) Micrometers
16. In which year was the first permanent Photograph produced?
- A) 1821
  - B) 1837
  - C) 1839
  - D) 1826
17. Dividing the frame between two equally spaced horizontal and vertical gridlines, creating a three-by-three grid is known as -
- A) Depth
  - B) Balance
  - C) Rule of thirds
  - D) Perspective
18. Visible light occurs between -
- A) 400 and 700 nanometers
  - B) 300 and 700 nanometers
  - C) 300 and 800 nanometers
  - D) 100 to 300 nanometers
19. High ISO causes which of the following?
- A) Perspective
  - B) Blur
  - C) Vignetting
  - D) Noise
20. Which f-stop lets in more light?
- A) f/16
  - B) f/2.8
  - C) f/8
  - D) f/5.6

21. What does HDR stands for in a Camera?

- A) High-Definition Resource
- B) High Dynamic Range
- C) Hard Disk Restore
- D) High Digital Range

22. Which of the following turns light energy into electrical energy in a Digital Camera?

- A) Aperture
- B) Shutter
- C) Image Sensor
- D) Viewfinder

22. Inability of the lens to focus all the colours at same point is called -

- A) Astigmatism
- B) Spherical Aberration
- C) Chromatic Aberration
- D) Distortion

24. In a DSLR Camera, DSLR stands for -

- A) Digital Small Lens Reflex
- B) Digital Single Lens Refractive
- C) Dynamic Single Lens Reflex
- D) Digital Single Lens Reflex

25. Which of the following has the highest storage capacity?

- A) Gigabyte
- B) Terabyte
- C) Megabyte
- D) Kilobyte

**PART – II**  
**SHORT ANSWER TYPE QUESTIONS**

**Write short notes on any FIVE of the following -**

**(5x6=30)**

1. White Balance
2. Mirrorless Camera
3. Prime Lens Vs Zoom Lens
4. Exposure Triangle
5. Pros and Cons of Shooting in RAW
6. Image Stabilization
7. Wildlife Photography
8. Perspective

**PART - III**  
**LONG ANSWER TYPE QUESTIONS**

**Answer any THREE of the following -**

**(3x10=30)**

1. Briefly discuss about the various Compositional Guidelines in Photography.
2. Which Editing Software do you prefer to use for photo finishing and manipulating images? Discuss the reasons for your preference.
3. Discuss how the advent of high-resolution camera phones has affected the profession of Photography.
4. Explain how you as a photographer handle the challenging situations such as uncooperative subjects and weather conditions.
5. Define Light. Write in detail about the various Characteristics of Light.

**PART – IV**  
**ESSAY TYPE QUESTIONS**

**Answer any TWO of the following -**

**(2x20 =40)**

1. List out the components of a DSLR Camera in detail and discuss its uses.
  2. Write an essay on the 'Influence of Digital Technology on Photography.'
  3. Discuss in detail about the different focal length lenses and their applications in Photography.
  4. Define Depth of Field. What are the factors that control the Depth of Field? Explain with suitable examples.
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