



Library
Brainware University
398, Ramkrishnapur Road, Barasat
Kolkata, West Bengal-700125

BRAINWARE UNIVERSITY

Term End Examination 2024-2025

Programme – M.Sc.(MSJ)-2024

Course Name – Photography

Course Code - MSJ17301B (T)

(Semester I)

Full Marks : 40

Time : 2:0 Hours

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A

(Multiple Choice Type Question)

1 x 10=10

1. Choose the correct alternative from the following :

- (i) Choose the correct definition of celluloid.
 - a) A type of digital sensor
 - b) A light-sensitive material
 - c) A storage device
 - d) A chemical used in development
- (ii) How does a digital sensor record images?
 - a) By capturing light on film
 - b) By converting light into electrical signals
 - c) By storing light in a chemical form
 - d) By reflecting light
- (iii) Match the following terms with their definitions: Celluloid, Digital Sensor, Storage.
 - a) Light-sensitive material, Converts light to signals, Stores data
 - b) Converts light to signals, Stores data, Light-sensitive material
 - c) Stores data, Light-sensitive material, Converts light to signals
 - d) Light-sensitive material, Stores data, Converts light to signals
- (iv) Recall the main purpose of the anti-halation layer in film.
 - a) To capture light
 - b) To prevent light reflection
 - c) To store images
 - d) To develop film
- (v) Assume you are using a celluloid film. What is the primary material used?
 - a) Plastic
 - b) Glass
 - c) Cellulose nitrate
 - d) Metal
- (vi) Compare Shutter Speed and Aperture. Which statement is true?
 - a) Shutter Speed affects depth of field
 - b) Aperture affects motion blur
 - c) Shutter Speed controls light sensitivity
 - d) Aperture controls light sensitivity
- (vii) Demonstrate the use of a tripod in a low light situation. What is the primary benefit?
 - a) Increase color saturation
 - b) Reduce motion blur
 - c) Enhance image resolution
 - d) Improve ISO sensitivity
- (viii) Choose the best time of day for landscape photography to achieve the golden hour effect.

- a) Midday
- b) Early morning or late afternoon
- c) Noon
- d) Late evening
- (ix) Discover the best lens type for street photography. What is commonly preferred?
 - a) Macro lens
 - b) Wide-angle lens
 - c) Telephoto lens
 - d) Standard zoom lens
- (x) Inference If a photo's histogram is heavily skewed to the left, what does it likely indicate?
 - a) The photo is overexposed
 - b) The photo is underexposed
 - c) The photo has good color balance
 - d) The photo is perfectly exposed

Group-B

(Short Answer Type Questions)

3 x 5=15

- 2. Analyze the significance of natural and artificial lighting in photography. (3)
- 3. Analyze the role of celluloid in the history of film. (3)
- 4. Demonstrate how to adjust shutter speed for capturing motion. (3)
- 5. Choose the appropriate lens for street photography. (3)
- 6. Evaluate the principles of 3-point lighting in portrait photography. (3)

OR

Assess the significance of color correction in photography. (3)

Group-C

(Long Answer Type Questions)

5 x 3=15

- 7. Divide the process of film development into its main stages and explain each. (5)
- 8. Explain the relationship between shutter speed, aperture, and ISO in achieving proper exposure. (5)
- 9. Elaborate on the use of the golden ratio in photographic composition. (5)

OR

Discuss the importance of balance in photographic composition. (5)

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