



## BRAINWARE UNIVERSITY

Term End Examination 2023

Programme – M.Sc.(MSJ)-2022

Course Name – Science of Photography & Photo-Journalism

Course Code - MMSJPE202A

( Semester II )

Full Marks : 60

Time : 2:30 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 15=15

1. Choose the correct alternative from the following :

- (i) Kodak Camera was invented by\_\_\_\_\_.
- |                     |                      |
|---------------------|----------------------|
| a) George Eastman   | b) Edison            |
| c) Lumiere brothers | d) None of the above |
- (ii) Recognise the importance of photographs in print media.
- |  |                           |
|--|---------------------------|
| a) To visually represent and support textual content | b) To make people popular |
| c) To showcase skills of photographer                | d) None of the above      |
- (iii) A Digital Image is made up of thousands of\_\_\_\_\_. Identify.
- |           |          |
|-----------|----------|
| a) Pixels | b) Atoms |
| c) Bits   | d) Bytes |
- (iv) White balance has to do with the setting of\_\_\_\_\_.
- |                       |             |
|-----------------------|-------------|
| a) Colour temperature | b) Editing  |
| c) Exposure           | d) Focusing |
- (v) What was Roger Fenton famous for? Identify.
- |                       |                    |
|-----------------------|--------------------|
| a) Street photography | b) War photography |
| c) Nature photography | d) Heliography     |
- (vi) Aperture is measured in\_\_\_\_\_. Comprehend and choose the correct one from the given options.
- |              |            |
|--------------|------------|
| a) Seconds   | b) F stops |
| c) Exposures | d) Clicks  |
- (vii) Comprehend the role of reflectors in photography.
- |   |                              |
|---|------------------------------|
| a) redirect light to a subject or scene | b) makes the photograph dark |
|---|------------------------------|

- c) blocks the light  
d) helps in framing
- (viii) Assertion (A): The angle of view decreases when the focal length increases. Reasoning (R): Focal length is the distance between the camera and the subject.
- a) A is true but R is false  
b) Both A and R are true and R is the correct explanation of A
- c) A is false but R is true  
d) Both A and R are false
- (ix) Identify the result of using higher ISO.
- a) Brighter exposure  
b) More noise or pixilation
- c) Reduce the need of flash light  
d) All of them
- (x) Do you see a possible solution to balance a proper exposure?
- a) Shutter speed + aperture + resolution  
b) Aperture + shutter speed + ISO
- c) Exposure + aperture + shutter speed  
d) ISO+ aperture + exposure
- (xi) The first photograph was captured by\_\_\_\_\_. Identify.
- a) Sir Nikola Tesla  
b) Sir Otto Blathy
- c) Sir Nicephore Niepce  
d) Sir Samuel Morse
- (xii) Which shutter speed will increase the exposure of the photograph?
- a) 1/60  
b) 1/100
- c) 1/250  
d) 1/500
- (xiii) Which shutter speed will create a motion blur?
- a) 1/30  
b) 1/60
- c) 1/250  
d) 1/500
- (xiv) Eadweard Muybridge is known for\_\_\_\_\_. Recall.
- a) Work in motion-picture projection  
b) Invention of colour photography
- c) Street photography  
d) None of them
- (xv) What is the application of vignetting?
- a) increasing saturation  
b) Increasing shaprnness
- c) darkening the corners on an image  
d) cropping edges

### Group-B

(Short Answer Type Questions)

3 x 5=15

2. Write down the difference between photojournalism and photography. (3)
3. What is the application a phi grid in photography? (3)
4. Write a note on Magnum photos. (3)
5. Analyse the importance of a shutter priority mode. (3)
6. Explain the advantages of digital photography. (3)

OR

Summarise the concept of colour in photography with the help of a diagram of colour wheel. (3)

### Group-C

(Long Answer Type Questions)

5 x 6=30

7. Describe the role of ethics in photojournalism. (5)
8. Summarise the contribution of Raghu Rai in India. (5)
9. Differentiate between a prime and zoom lens used in photography. (5)
10. The camera is an instrument that teaches people how to see without a camera. Explain. (5)
11. Explain the functioning of a DSLR with illustration. (5)
12. With the help of a diagram explain the utility of the rule of composition- 'figure-ground'. (5)

OR

Explain three point perspective with the help of a diagram.

(5)

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