



BRAINWARE UNIVERSITY

Course –MAMW

Digital Photography and Image Compositing (MMW101)

(Semester –1)

Time allotted: 3 Hours

Full Marks: 70

[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 Questions)

10 x 1 = 10

1. *Choose the correct alternative from the following*

- (i) The portion of a scene that appears acceptably sharp in the image is known as
- | | |
|------------------|-------------------|
| a. Aperture | b. Depth of field |
| c. Shutter Speed | d. ISO |
- (ii) A three-footed stand often used to balance a camera is referred as
- | | |
|------------|----------|
| a. Tripod | b. Flash |
| c. Monopod | d. Lens |
- (iii) A camera lens that magnifies the image is called
- | | |
|---------------|-----------------|
| a. Zoom lens | b. Manual focus |
| c. Auto focus | d. Aperture |
- (iv) Which among the following item automatically produces an instantaneous flash of artificial light to help illuminate a scene that is particularly dark
- | | |
|----------|-----------|
| a. Lens | b. ISO |
| c. Flash | d. Tripod |
- (v) A small screen on the back of a digital camera that allows the user to review photos or take them without looking through the viewfinder is known as
- | | |
|---------------|----------------|
| a. Lens | b. LCD Display |
| c. Viewfinder | d. Camera body |

- (vi) The balancing of light within a photograph is known as the:
- White balance
 - The shutter speed
 - The aperture
 - The exposure
- (vii) The distance from the center of a lens to the focal point is known as
- Aperture
 - Depth of field
 - Auto focus
 - Focal length
- (viii) Perfect exposure is a result of the right mixture of:
- Shutter speed + aperture + resolution
 - Exposure + aperture + shutter speed
 - Film speed + aperture + exposure
 - Aperture + shutter speed + film speed
- (ix) The amount of light or darkness on a photograph is known as the:
- Exposure
 - Contrast
 - Shutter Speed
 - Sharpness
- (x) 'Photography' comes from the Greek words PHOTOS and GRAPHS. What does it mean?
- Light graphics
 - Light drawing
 - Light writing
 - None of them.

Group – B

(Short Answer Type Questions)
(Answer any *three* from the following)

- | | |
|--|-------------------|
| 2. Discuss a DSLR. | 3 x 5 = 15
[5] |
| 3. What is Aperture? | [5] |
| 4. Explain the Depth of Field. | [5] |
| 5. Define the function of Spot Metering System. | [5] |
| 6. Explain different components of Camera Flash. | [5] |

Group – C

(Long Answer Type Questions)

(Answer any *three* from the following)

- | | | |
|-----|---|-----------|
| | | 3x 15= 45 |
| 7. | (a) Define a Camera. | [5] |
| | (b) Describe different types of Camera. | [10] |
| 8. | Discuss about Composition, its rules and uses in digital photography. | [15] |
| 9. | Discuss about Camera Filters in details. | [15] |
| 10. | Explain Metering System of a Camera in details. | [15] |
| 11. | Describe White Balance of a Camera. | [15] |