



BRAINWARE UNIVERSITY

Course – BAMW

Digital Photography and Image Editing (BMW203)

(Semester – 2)

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) In order to minimize file size and loss of quality of an image for printing, how should it be saved?
- | | |
|----------|---------|
| a. .gif | b. .png |
| c. .tiff | d. .jpg |
- (ii) A camera lens that magnifies the image.
- | | |
|--------------|---------------------|
| a. zoom lens | b. TS/PC lens |
| c. Wide lens | d. Prime/block lens |
- (iii) When would you use the “Bulb” setting?
- | | |
|--|---|
| a. When you shooting under tungsten lights | b. When you’re shooting indoor sports |
| c. When you need a very long exposure | d. When you need to shoot with studio flash |
- (iv) Depth of field is linked to all of these, except...
- | | |
|----------------------|----------------------------|
| a. The aperture used | b. The focal length used |
| c. The ISO used | d. The focal distance used |
- (v) 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 |

- (vi) What three colors are processed by digital camera in order to produce an image?
- | | |
|-------------------------|-----------------------------|
| a. Black, White and Red | b. Blue, Green, Yellow |
| c. Red, Green and Blue | d. Cyan, Magenta and Yellow |
- (vii) Digital photography is creating a picture using
- | | |
|----------------------|-----------------------|
| a. Film | b. Drawing Skill |
| c. Sensor technology | d. Chemical processes |
- (viii) How many pixels are in a megapixel?
- | | |
|--------------|---------|
| a. 2,000,000 | b. 1000 |
| c. 1,000,000 | d. 100 |
- (ix) The balancing of light within a photograph is known as
- | | |
|----------------------|----------------------|
| a. The white balance | b. The shutter speed |
| c. The exposure | d. The aperture |
- (x) What is Aperture measured in?
- | | |
|--------------|-------------|
| a. Spots | b. Stops |
| c. Fractions | d. F-number |

Group – B

(Short Answer Type Questions)

3 x 5 = 15

Answer any *three* from the following

- | | |
|--|-----|
| 2. Define SLR. | [5] |
| 3. What is Aperture? | [5] |
| 4. Define ‘Golden Rules’ of photography. | [5] |
| 5. Write a short note on ‘Depth of Field’. | [5] |
| 6. Define advantages of Dedicated Flash. | [5] |

Group – C

(Long Answer Type Questions)

3 x 15 = 45

Answer any *three* from the following

- | | |
|---|------|
| 7. (a) What is Camera? | [5] |
| (b) Describe different types of Camera. | [10] |
| 8. (a) What is Lens? | [2] |
| (b) Explain about Characteristics of Camera lens. | [3] |
| (c) Discuss about different types of Camera lens. | [10] |

9. (a) What is Metering in Photography? [5]
(b) Explain about different types of Metering system according to Camera. [10]
10. (a) Define the function of Filters in Photography. [5]
(b) Discuss about different types of Filters in Photography. [10]
11. (a) What is Image Editing? [7]
(b) Discuss about the importance of Image editing. [8]