



# BRAINWARE UNIVERSITY

Course – MAMW

**Digital Photography and Image Editing (MMW 102)**

(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 Question)

1 x 10 = 10

1. Answer **any ten** of the following:

I. The best way to reduce camera shake is to.

- a) Increase your ISO
- b) Decrease your shutter speed
- c) Use a tripod
- d) Increase (open) your aperture wider.

II. What are the "Golden Hours"?

- a) The hours where you can charge the most for your time.
- b) The hour before sunrise and after sunset.
- c) The hour after sunrise and before sunset
- d) The hour when the sun is at its peak

III. Depth of field refers to.

- a) the range of sharpness from near to far
- b) the closest point in the image that is sharp
- c) the furthest point of the image that is sharp
- d) the background portions of an image that are sharp

IV. What is Aperture measured in?

- a) Spots
- b) Stops
- c) F Numbers
- d) Fractions

V. Slight ??what?? can be fixed by editing programs, after it has been shot?

- a) Color
- b) Aperture problems
- c) Blurs
- d) Over and underexposure

VI. Which is a larger aperture ?

- a) 1.4                              b) 2.8                              c) 1600                              d) 1/300

VII. What is the "rule of thirds" in photography?

- a) Distracting elements in the background  
b) Having three of the same subject in a photograph  
c) Photograph divided into thirds, both horizontally and vertically which creates four points where the lines cross for a visual center.  
d) None of these.

VIII. The best way to reduce camera shake is to.

- a) Increase your ISO                              b) Decrease your shutter speed  
c) Use a tripod                              d) Increase (open) your aperture wider.

IX. A camera lens that magnifies the image

- a) zoom lens                              b) wide angle lens                              c) macro lens                              d) tilt-shift lens.

X. Perfect exposure is a result of the right mixture of:

- a) Shutter speed + aperture + resolution                              b) Film speed + aperture + exposure  
c) Exposure + aperture + shutter speed                              d) Aperture + shutter speed + film speed

XI. The amount of light or darkness on a photograph is known as the

- a) Exposure                              b) Shutter Speed                              c) Contrast                              d) Sharpness

**Group – B**

(Short Answer Type Question)

3 x 5 = 15

Answer any three

2. Explain Kelvin White Balance in digital camera.
3. Illustrate fisheye lens.
4. Explain Spot Metering System.
5. Short note on EXPOSURE TRIANGLE.

**Group – C**

(Long Answer Type Question)

3 x 15 = 45

Answer any three

6. Write short note on - ZOOM LENS, MACRO LENS.
7. Explain Camera Sensor (CCD, CMOS).
8. Write a short note on - PRIME LENS, TILT SHIFT LENS.
9. Explain Camera Drive Mode.