



**BRAINWARE UNIVERSITY**

**Course – BAMW**

**Digital Photography & Image Editing (BMWC202)**

(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) Which is the largest aperture size?

- a. f-1.4
- b. f-22
- c. f-16
- d. f-1/300

(ii) Which is a memory device used in digital cameras?

- a. SD card
- b. Memory stick
- c. Floppy disk
- d. All of these

(iii) Film speed is measured by

- a. ASA
- b. DIN
- c. ISO
- d. All of these

(iv) SLR stands for

- a. Single Long Range
- b. Selective Lens Range
- c. Selective Length Reflex
- d. Single Lens Reflex

- (v) What type of zoom is sufficient for everyday use?
- a. 3x
  - b. 8x
  - c. 10x
  - d. None of these
- (vi) Aperture measured in
- a. Spots
  - b. Stops
  - c. F Numbers
  - d. Fractions
- (vii) Colour temperature on a cloudy daylight is around
- a. 3200k
  - b. 5500k
  - c. 6400k
  - d. None of these
- (viii) A low F-stop provides
- a. A smaller depth of field
  - b. A larger depth of field
  - c. No change of depth of field
  - d. None of these
- (ix) The pin hole camera is also known as
- a. Camera obscura
  - b. Camera reversa
  - c. Camera inversa
  - d. Camera digica
- (x) The digital camera display is a
- a. Cathode Ray Tube
  - b. LCD Screen
  - c. Dot Matrix
  - d. TV Screen

**Group – B**

(Short Answer Type Questions)

3 x 5 = 15

Answer any *three* from the following

2. Explain why photography falls under art category? [5]
3. How does DSLR camera work? [5]
4. Explain wide angle lens. [5]
5. Explain Camera Filter (Polariser Filter) [5]
6. Illustrate digital zoom. [5]

**Group – C**

(Long Answer Type Questions)

3 x 15 = 45

Answer any *three* from the following

7. What is the meaning of 'depth of field'? Discuss the two ways in which you can increase the depth of field in a photograph? [5+10]
8. Write down the difference between CCD and CMOS. [15]
9. (a) What are the advantages and disadvantages of digital photography? [8]  
(b) Explain UV filter. [7]
10. Explain- (i) Over expose (ii) Under expose (iii) Normal expose [5+5+5]
11. Describe the Film speed and Shutter speed. [15]