

Total No. of printed pages = 4

BMD 171204

Roll No. of candidate

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2019

B.Des.(MCD) 2nd Semester End-Term Examination

**INTRODUCTION TO PHOTOGRAPHY AND
VIDEOGRAPHY**

(New Regulation w.e.f. 2017-2018)

Full Marks – 70

Time – Three hours

The figures in the margin indicate full marks
for the questions.

Answer question No. 1 and any *four* from the rest.

1. Choose the correct answer: (10 × 1 = 10)
- (i) The amount of light or darkness on a photograph is known as the
- (a) Exposure (b) Shutter speed
(c) Contrast (d) Sharpness
- (ii) In a low light, the ISO should be set
- (a) The highest setting there is on that particular camera
(b) The lowest setting there is on that particular camera
(c) Between 400 and 1600, depending on the camera
(d) About f/2.8

[Turn over

- (iii) The amount of light passing through a lens is defined by the
- (a) Shutter speed
 - (b) Aperture
 - (c) Film speed
 - (d) Exposure
- (iv) Perfect exposure is a result of the right mixture of a picture box
- (a) Shutter speed + aperture + resolution
 - (b) Film speed + aperture + exposure
 - (c) Exposure + aperture + shutter speed
 - (d) Aperture + shutter speed + film speed
- (v) What is the unit of measurement for light in photography?
- (a) Apertures
 - (b) Shutter speeds
 - (c) Candelabras
 - (d) Stops
- (vi) What is Aperture measured in?
- (a) Spots
 - (b) Stops
 - (c) F Numbers
 - (d) Fractions
- (vii) ISO is related to
- (a) Speed
 - (b) Aperture
 - (c) Sensor
 - (d) Focus
- (viii) As the aperture opening decreases in size
- (a) f-stop number increases
 - (b) f-stop number decreases
 - (c) f-stop number does not change
 - (d) f-stop number remains intact.

- (ix) Key light
- (a) Falls on the subject
 - (b) Is reflected from the subject
 - (c) Backlights the subject
 - (d) None
- (x) A low aperture would create
- (a) A smaller depth of field
 - (b) A larger depth of field
 - (c) Aperture doesn't change the depth of field
 - (d) None
2. (a) What is Photography? (3)
- (b) Explain 'Rule of Third' with a suitable diagram. (12)
3. (a) What are the elements of design? (3)
- (b) How can the design element "Rhythm" be achieved in Photography? Explain with the help of suitable drawing. (12)
4. (a) What is Aperture, ISO and Shutter Speed? (6)
- (b) Explain the relationship among the three in Photography? (9)
5. Write short note on any two: (2 × 7½ = 15)
- (a) Crop Frame
 - (b) Full Frame
 - (c) Exposure
 - (d) White Balance

6. (a) What do you mean by 'Depth of Field'? (3)
 - (b) Explain Depth of field with a suitable drawing. (5)
 - (c) How can we achieve Depth of Field in photography? Explain briefly. (7)
7. (a) What does lighting mean in photography? (3)
 - (b) Describe the 'Three-point Lighting' technique. Explain with a suitable drawing. (12)
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