

**Odd Semester, 2020**

( Held in March, 2021 )

**MEDIA TECHNOLOGIES**

( Honours )

( MT-301 )

**( Principles of Photography )**

( Under Revised Syllabus )

Marks : 38

Time : 2 hours

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

1. Write short notes on the following :  $2 \times 4 = 8$

- (a) Pentaprism
- (b) Twin Lens Reflex
- (c) ISO
- (d) Histogram

2. (a) What are the advantages of using a DSLR camera? With a labelled diagram, describe the different components of a DSLR camera.  $2 + 5\frac{1}{2} = 7\frac{1}{2}$

Or

(b) Write short notes on three exposure settings necessary to set in a DSLR.  $7\frac{1}{2}$

3. (a) What is inverse square law? Write short notes on the different types of photographic lighting.  $2\frac{1}{2} + 5 = 7\frac{1}{2}$

Or

(b) What is focal length of a lens? What is the difference between a fish-eye lens and a tilt-shift lens? What is depth of field?  $2\frac{1}{2} + 3 + 2 = 7\frac{1}{2}$

4. (a) What is composition? Write down the steps required to do focus stacking of a landscape composition.  $2\frac{1}{2} + 5 = 7\frac{1}{2}$

Or

(b) Write short notes on any *three* of the following :  $2\frac{1}{2} \times 3 = 7\frac{1}{2}$

- (i) Architecture photography
- (ii) Flash photography
- (iii) Wildlife photography
- (iv) Table-top photography

5. (a) What is a lens filter? What is filter factor? How is a graduated ND filter useful for landscape photography?  $2\frac{1}{2} + 2 + 3 = 7\frac{1}{2}$

Or

(b) Write down the steps needed to take HDR photographs from shooting to editing.  $7\frac{1}{2}$

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