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(October)

MEDIA TECHNOLOGIES

(Honours)

(Principles of Photography)

(MTH–303)

Marks : 56

Time : 3 hours

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

1. Answer the following questions : 3×4=12

   (a) What is a hot shoe?

   (b) What is a pinhole camera?

   (c) Explain the function of a speed light.

   (d) What is the camera obscura?

2. Trace the major milestone in evolution of
   photographic camera. 11

   Or

   What is a TLR? Describe different camera
   formats along with illustrations. 3+8=11

(Turn Over)

3. What is focal length of a lens? What are different types of lens? 2+9=11

Or

What is bokeh? Explain the interrelationship between focal length, aperture and depth of field. 3+8=11

4. Differentiate between natural lighting and artificial lighting. Discuss various angles of light. With the help of a sketch, explain the 3-point lighting setup for a portraiture photo shoot. 3+3+2+3=11

Or

What is composition? Explain different types of composition with examples. 3+8=11

5. What do you understand by pixel? Differentiate between CMOS and CCD sensors. State the advantages of digital photography over film photography. 2+4+5=11

Or

Discuss different file formats in photography. Also discuss the most common post-production techniques used in photography. What are the challenges to digital photography? 5+4+2=11

★ ★ ★