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MANIPAL INSTITUTE OF TECHNOLOGY
MANIPAL

A Constituent Institution of Manipal University

SIXTH SEMESTER B.TECH. (PRINT AND MEDIA TECHNOLOGY)

END SEMESTER EXAMINATIONS, APR/MAY 2017

ELECTIVE IV - DIGITAL PHOTOGRAPHY [PMT 4008]

**REVISED CREDIT SYSTEM
(29/04/2017)**

Time: 3 Hours

MAX. MARKS: 50

Instructions to Candidates:

- ❖ Answer **ALL** the questions.
- ❖ Missing data may be suitably assumed.

- 1A.** Explain photographic filters and their function.
- 1B.** List and explain any 6 image file formats used in photography.
- 1C.** Explain the following technical mistakes in digital photography.
- | | |
|-----------------|------------------|
| a. Overexposure | b. Underexposure |
| c. Camera shake | d. Lack of focus |

[02 + 04 + 04]

- 2A.** What are the advantages and disadvantages of LED lights?
- 2B.** Explain different type's flashes available for photography.
- 2C.** With respect to design, colour and focus explain how to compose the image in digital photography.

[02 + 04 + 04]

- 3A.** Explain dodging and burning technique to create powerful black and white images.
- 3B.** List and explain the function of studio lighting equipment's.
- 3C.** List and explain any 4 main types of food photography.

[02 + 04 + 04]

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- 4A.** What are the auto focus area modes in Viewfinder photography? Explain.
- 4B.** With the help schematic diagram explain the working of camera.
- 4C.** What is exposure triangle? Explain.

[02 + 04 + 04]

- 5A.** Explain the uses of stage lighting.
- 5B.** List and explain the accessories used in macro and close up photography.
- 5C.** Explain the following camera shots.
- a. Low angled shot
 - b. High angled shot
 - c. Titling
 - d. Canted angled shot

[02 + 04 + 04]