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Manipal Institute of Technology, Manipal

(A Constituent Institute of Manipal University)



V SEMESTER B.TECH (PRINT AND MEDIA TECHNOLOGY)

END SEMESTER EXAMINATIONS, NOV/DEC 2015

SUBJECT: DIGITAL PHOTOGRAPHY [PME 307]

REVISED CREDIT SYSTEM

Time: 3 Hours

MAX. MARKS: 50

Instructions to Candidates:

- ❖ Answer **ANY FIVE FULL** questions.
- ❖ Missing data may be suitable assumed.

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| 1A. | Explain four techniques to create powerful black and white photos. | 4 |
| 1B. | Explain the six different studio lighting techniques. | 3 |
| 1C. | Explain the following camera shots: | 3 |
| | a. Low angled shot b. High angled shot c. Tilting | |
| | d. Canted angled shot e. Medium close up shot f. Aerial shot | |
| 2A. | Elaborate on four objectives of television lighting. Explain the lighting set up procedure for television. | 4 |
| 2B. | Explain the types of food photography. | 3 |
| 2C. | Explain the functions of filters used in digital photography | 3 |
| 3A. | Explain the twelve considerations during the shooting phase of photographic workflow. | 4 |
| 3B. | With a neat labelled schematic diagram explain the working of camera. | 3 |
| 3C. | Explain in detail the functions of following accessories. | 3 |
| | a. Battery grip b. Lens hood c. Remote trigger | |
| 4A. | What is the significance of image reproduction in photography? Explain the options available in adobe bridge for taking output of image. | 4 |
| 4B. | Explain the function of six luminaires for stage lighting. | 3 |
| 4C. | Explain four features each for the following types of lenses. | 3 |
| | a. Shift & tilt lens b. Lens Baby c. Fish eye lens | |

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- 5A.** Explain the working principle of OLED. What are the four advantages and four disadvantages of OLED? **4**
- 5B.** With respect to design, colour and focus explain how to compose the image in digital photography. **3**
- 5C.** What is exposure triangle in photography? Explain each. **3**
- 6A.** Explain the functions of the eight accessories used in macro and close up photography. **4**
- 6B.** Explain the special features of following cameras **3**
- a. Rangefinder cameras
 - b. TLR cameras
 - c. Mirrorless Interchangeable Lens cameras
- 6C.** With respect to exposure, explain following options available in digital camera. **3**
- a. Metering
 - b. Bracketing