Reg.No. \_\_\_\_\_\_\_\_\_\_\_\_



**UNIVERSITY**

(Karunya Institute of Technology & Sciences)

(Declared as Deemed-to-be University under Sec.3 of the UGC Act, 1956)

**Supplementary Examination – June – 2017**

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| **Code :** | **14MT2010** | **Duration :** | **3hrs** |
| **Sub. Name :** | **DIGITAL PHTOGRAPHY** | **Max. marks :** | **100** |

**ANSWER ALL QUESTIONS (5 x 20 = 100 Marks)**

|  |  |  |  |  |
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| Q. No. | Sub Div. | Questions | Course  Outcome | Marks |
| 1. | a. | Camera obscura is also known as \_\_\_\_\_\_\_\_\_. | CO1 | 1 |
| b. | George Eastman Kodak invented \_\_\_\_\_\_\_\_\_\_. | CO1 | 1 |
| c. | What is the exposure triangle? | CO1 | 5 |
| d. | Explain about the camera that overcame the issue of not being able to see what was being photographed while using the pinhole camera. | CO1 | 5 |
| e. | Explain in detail about the rule of thirds with emphasis on lead space and head room. | CO2 | 8 |
| (OR) | | | | |
| 2. | a. | Daguerrotype was invented by \_\_\_\_\_\_\_\_\_\_\_. | CO1 | 1 |
| b. | \_\_\_\_\_\_\_\_ is measured in F stops. | CO1 | 1 |
| c. | What is DOF and how can it be altered? | CO2 | 5 |
| d. | What is the significance of PAID in flash? | CO2 | 5 |
| e. | Illustrate the different ways in which Illustrate the different ways in which you can achieve a motion freeze. | CO2 | 8 |
| 3. | a. | \_\_\_\_\_\_\_\_ is measured in seconds. | CO1 | 1 |
|  | b. | Grain size is small in \_\_\_\_\_\_\_\_ film. | CO1 | 1 |
|  | c. | Explain in detail about the process of making a star trail. | CO3 | 18 |
| (OR) | | | | |
| 4. | a. | Grain size is big in \_\_\_\_\_\_\_\_\_ film. | CO1 | 1 |
|  | b. | What is composition? | CO1 | 1 |
|  | c. | Explain in detail the history of the development of photography with a chronological timeline of important events and developments. | CO1 | 18 |
| 5. | a. | Flash cannot function in shutter speeds higher than \_\_\_\_\_\_\_. | CO2 | 1 |
|  | b. | ETTR stands for \_\_\_\_\_\_\_\_\_\_\_\_. | CO2 | 1 |
|  | c. | Explain in detail about the different types of filters used in photography. | CO2 | 18 |
| (OR) | | | | |
| 6. | a. | Explain the concept of leading lines with an illustration. | CO2 | 5 |
|  | b. | Explain in detail about the different types of lenses used in photography and also mention the approximate focal lengths of each. | CO2 | 15 |
| 7. |  | Mention the settings for aperture, Shutter speed, ISO, choice of lens, usage of flash and other accessories for each of the following scenarios (specific values) and justify your choice | CO3 |  |
|  | a. | A basket-ball game happening at night | CO3 | 5 |
|  | b. | A race car rally happening in the afternoon | CO3 | 5 |
|  | c. | A bison grazing in the wild early in the morning | CO3 | 5 |
|  | d. | Fireworks in the night sky | CO3 | 5 |
| (OR) | | | | |
| 8. |  | Mention the settings for aperture, Shutter speed, ISO, choice of lens, usage of flash and other accessories for each of the following scenarios (specific values) and justify your choice. | CO3 |  |
|  | a. | A baby sleeping in a cradle at evening. | CO3 | 5 |
|  | b. | A singer performing on stage at a rock concert. | CO3 | 5 |
|  | c. | A cricket game happening at mid-day. | CO3 | 5 |
|  | d. | A singer performing on stage at a rock concert. | CO3 | 5 |
|  | | **Compulsory**: |  |  |
| 9. |  | Make a budget estimate for civil work, furnishings, air conditioning and list of equipments for setting up a photography studio. | CO3 | 20 |

ALL THE BEST