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



**UNIVERSITY**

(Karunya Institute of Technology & Sciences)

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

**End Semester Examination – April/May – 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. | Pin hole camera is also known as \_\_\_\_\_\_\_\_\_. | CO1 | 1 |
| b. | \_\_\_\_\_\_\_\_ is the inventor of the modern day celluloid film. | CO1 | 1 |
| c. | What is the exposure triangle? | CO1 | 5 |
| d. | Explain about the TLR cameras and their advantages and disadvantages. | CO1 | 5 |
| e. | Explain in detail about the rule of thirds with emphasis on lead space and head room. | CO2 | 8 |
| (OR) | | | | |
| 2. | a. | The photographic principle invented by Louis Dageurre is called as \_\_\_\_\_\_\_\_\_\_\_. | CO1 | 1 |
| b. | Aperture is measured in \_\_\_\_\_\_\_\_\_. | CO1 | 1 |
| c. | Define Aperture and its impact on Depth of field. | CO2 | 5 |
| d. | What are the four aspects that control the working of flash? | CO2 | 5 |
| e. | Explain in detail about the concept of freezing action. | CO2 | 8 |
| 3. | a. | Shutter speed is measured in \_\_\_\_\_\_\_\_\_\_. | CO1 | 1 |
|  | b. | Grain size is \_\_\_\_\_\_\_\_ in ISO 100 film. | CO1 | 1 |
|  | c. | Explain in detail about the process of making a timelapse of the milky way galaxy. | CO3 | 18 |
| (OR) | | | | |
| 4. | a. | Grain size is \_\_\_\_\_\_\_\_ in ISO 1000 film. | CO1 | 1 |
|  | b. | \_\_\_\_\_\_\_\_\_ is the pleasing arrangement of objects within a given frame. | 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 is not dependent on \_\_\_\_\_\_\_\_. | CO2 | 1 |
|  | b. | TTL 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 diagonal rule 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 child playing on a swing at 5 pm in the evening. |  | 5 |
|  | b. | A bird sitting at the top of a tree at 7 in the morning. |  | 5 |
|  | c. | A group of people standing and posing on stage at an awards ceremony. |  | 5 |
|  | d. | A race car rally happening in the afternoon. |  | 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 lion standing on a rock at sunrise. |  | 5 |
|  | b. | Stars in the night sky. |  | 5 |
|  | c. | Fireworks in the night sky. |  | 5 |
|  | d. | A singer performing on stage at a rock concert. |  | 5 |
|  | | **Compulsory:** |  |  |
| 9. | a. | 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