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 :** | **14VC2021** | **Duration :** | **3hrs** |
| **Sub. Name :** | **LENS, LIGHT AND COLORS** | **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. | What are the advantages and handicaps of a fast lens? Appraise it’s usage under any three situations. | CO1 | 10 |
|  | b. | Enumerate interchangeable lenses with relevant examples. | CO1 | 10 |
| (OR) | | | | |
| 2. | a. | Define the following term and differentiate each based on it’s application.   1. teleconvertor/extender 2. extension tube. | CO1 | 10 |
| b. | Describe image stabilization process in photography camera lenses. | CO1 | 10 |
| 3. |  | Differentiate photography lenses based on it’s focal length and features. | CO1 | 20 |
| (OR) | | | | |
| 4. | a. | Demonstrate the functional characteristics of tungsten lights. | CO2 | 10 |
|  | b. | Identify and demonstrate use of photography flash in indoor under different lighting situations. | CO2 | 10 |
| 5. |  | Explicate in detail the three types of studio lights. | CO2 | 20 |
| (OR) | | | | |
| 6. |  | Detail the usage of lighting in cinema citing relevant examples. | CO2 | 20 |
| 7. |  | Elucidate the psychology of colors while employing in designing. | CO3 | 20 |
| (OR) | | | | |
| 8. |  | Explain color theory and summarize its effect on the viewer. | CO3 | 20 |
|  | | **Compulsory**: |  |  |
| 9. |  | How are colors exploited by a cinematographer to convey the story? Demonstrate with a film sequence of your choice. | CO3 | 20 |

ALL THE BEST