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 :** | **14MT2017** | **Duration :** | **3hrs** |
| **Sub. Name :** | **DIGITAL COLOR CORRECTION** | **Max. marks :** | **100** |

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

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| Q. No. | Sub Div. | Questions | Course  Outcome | Marks |
| 1. |  | Explain in detail about visual perception and color psychology. Give appropriate examples on how to bridge both to make a proper color corrected video. | CO2 | 20 |
| (OR) | | | | |
| 2. |  | Mention the different types of scopes and various steps involved in choosing a scope for specific application. | CO1 | 20 |
| 3. |  | A video consists of a scene showing greenery of a particular forest surrounded by hills etc.Which color correction technique will you use to correct the entire video? | CO2 | 20 |
| (OR) | | | | |
| 4. |  | Define Histogram. How are histograms useful in digital color correction process? | CO3 | 20 |
| 5. |  | Write short note on the following | CO1 |  |
|  | a. | Value of 100IRE. | 8 |
|  | b. | Basic Black. | 5 |
|  | c. | Gamma Quadrant. | 7 |
| (OR) | | | | |
| 6. |  | Write in detail about secondary color correction. | CO3 | 20 |
| 7. |  | Imagine a situation where a cameraman has to pan the camera to shoot a particular footage. During the process, a mismatch occurs in the final footage. Explain in detail which color correction technique will you use to match the footage. | CO1 | 20 |
| (OR) | | | | |
| 8. |  | Explain in detail about Alternative Displays and Tools for Analysis. | CO2 | 20 |
|  | | **Compulsory:** |  |  |
| 9. |  | Explain in detail with suitable examples the technique behind spot color correction method. | CO1 | 20 |