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



**End Semester Examination – Nov / Dec – 2019**

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|  |  |  |  |
| **Code :** | **14VC2021** | **Duration :** | **3hrs** |
| **Sub. Name :** | **LENS, LIGHTS 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. | Define Exposure. | CO 1 | 5 |
| b. | Illustrate and explain about the exposure triangle. | CO 1 | 15 |
| **(OR)** | | | | |
| 2. |  | Explain in detail about Shutter, shutter speed and its techniques with examples. | CO 1 | 20 |
|  |  |  |  |  |
| 3. |  | Brief about reflection, refraction and dispersion of light with illustrations. | CO 2 | 20 |
| **(OR)** | | | | |
| 4. | a. | State the definition of Atmospheric Scattering of light. | CO 2 | 5 |
| b. | Pen down the idea of Depth of field and its imporatance in photography. | CO 2 | 15 |
|  |  |  |  |  |
| 5. |  | Distinguish the difference between F-stop and T-stop. | CO 3 | 20 |
| **(OR)** | | | | |
| 6. |  | Explain in detail about dispersion and its importance with proper illustrations and examples. | CO 3 | 20 |
|  |  |  |  |  |
| 7. |  | Summarize about hard light, soft light and diffused light. | CO 2 | 20 |
| **(OR)** | | | | |
| 8. |  | Discuss about the different types of color theories with respect to light. | CO 2 | 20 |
|  | | **Compulsory**: |  |  |
| 9. |  | Define light. List out the properties of light with examples. | CO 1 | 20 |