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



**End Semester Examination – Nov/Dec– 2017**

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
| **Code :** | **14MS1001** | **Duration :** | **3hrs** |
| **Sub. Name :** | **TECHNOLOGY FOR SOCIETAL NEEDS** | **Max. marks :** | **100** |

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Q. No.** |  | **Questions** | **Course**  **Outcome** | **Marks** |
| 1. |  | Explicate the vision and mission of Karunya University? How the research in Karunya will address the social issues. | CO1 | 20 |
| (OR) | | | | |
| 2. |  | Computers are used in health services-Elaborate. | CO2 | 20 |
|  |  |  |  |  |
| 3. |  | Indicate and Elaborate the difficulties in using conventional energy and advantages in renewable energy. | CO1 | 20 |
| (OR) | | | | |
| 4. |  | Make clear how water is misused and can be saved. | CO2 | 20 |
|  |  |  |  |  |
| 5. |  | Elucidate the brutality of food uncertainty. | CO2 | 20 |
| (OR) | | | | |
| 6. |  | Define renewable energy. Elaborate the sources of renewable energy. | CO1 | 20 |
|  |  |  |  |  |
| 7. |  | Summarize international and national water crisis. | CO2 | 20 |
| (OR) | | | | |
| 8. |  | List down and enlighten the dimensions of food security. | CO2 | 20 |
|  | |  |  |  |
|  | | **Compulsory**: |  |  |
| 9. |  | Describe how karunya Engineering Professionals could contribute towards securing food for the society. | CO3 | 20 |

ALL THE BEST