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

G:\logo and QP Template\logo 3 Feb 2018 final.tif

**End Semester Examination – Nov/Dec – 2018**

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

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Q. No.** | **Sub Div.** | **Questions** | **Course**  **Outcome** | **Marks** |
| 1. |  | Describe the needs and pains of disabled destitute that Karunya University focuses on. | CO1 | 20 |
| (OR) | | | | |
| 2. |  | Explain the social focus of Karunya University as reflected in its vision, mission and goals. | CO1 | 20 |
|  |  |  |  |  |
| 3. |  | Outline the key concepts of water security for society. | CO2 | 20 |
| (OR) | | | | |
| 4. |  | Identify the important organizations involved in global and national water security. | CO2 | 20 |
|  |  |  |  |  |
| 5. |  | Describe the most food insecure sections of the society. | CO2 | 20 |
| (OR) | | | | |
| 6. |  | Outline the methods of measuring the severity of food insecurity in the society. | CO2 | 20 |
|  |  |  |  |  |
| 7. |  | List the typical challenges faced in securing health for the society. | CO2 | 20 |
| (OR) | | | | |
| 8. |  | Identify the important organizations involved in global and national health security. | CO2 | 20 |
|  | |  |  |  |
|  | | **Compulsory**: |  |  |
| 9. | a. | Identify the available renewable energies and the technologies to harness them. | CO3 | 10 |
|  | b. | Identify the strategies for securing energy for the society. | CO3 | 10 |