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



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

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

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

|  |  |  |  |  |
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| **Q. No.** |  | **Questions** | **Course**  **Outcome** | **Marks** |
| 1. |  | Designate the needs and pains of disabled destitutes that karunya university focuses on. | CO1 | 20 |
| (OR) | | | | |
| 2. |  | Technological advancement for healthcare in the last decade-Elaborate | CO2 | 20 |
|  |  |  |  |  |
| 3. |  | Many people don’t think about how much water they waste on a daily basis. Elaborate the different ways that water is wasted and suggest to conserve water by using it wisely and paying attention and try to alter the habits and lifestyle to save more water. | CO2 | 20 |
| (OR) | | | | |
| 4. |  | Enlighten the social focus of Karunya university as reflected in its vision, mission and goals also in what way the concept of interdisciplinary research benefits karunya university’s focal areas. | CO1 | 20 |
|  |  |  |  |  |
| 5. |  | Hunger of the body leads to Hunger of the mind. Outline and Summarize the causes of food insecurity and also elaborate how to prevent it? | CO2 | 20 |
| (OR) | | | | |
| 6. |  | Define renewable energy? Elaborate the sources of renewable energy? | CO2 | 20 |
|  |  |  |  |  |
| 7. |  | Summarize international and national water crisis. | CO2 | 20 |
| (OR) | | | | |
| 8. |  | List down and enlighten innovations in water technology also elaborate the approach of integrated water resources management. | CO2 | 20 |
|  | |  |  |  |
|  | | **Compulsory**: |  |  |
| 9. |  | Identify the available renewable energies and the technologies to harness them and expound how karunya professional could contribute towards securing energy for the society. | CO3 | 20 |

ALL THE BEST