

Reg.No. _____



Karunya UNIVERSITY

(Karunya Institute of Technology & Sciences)
(Declared as Deemed-to-be University under Sec.3 of the UGC Act, 1956)

End Semester Examination – Nov/Dec – 2016

Code : 14MS1001
Sub. Name : TECHNOLOGY FOR SOCIETAL NEEDS

Semester : 2016-17 ODD
Duration : 3hrs
Max. marks : 100

ANSWER ALL QUESTIONS (5 x 20 = 100 Marks)

Q. No.	Sub Div.	Questions	Course Outcome	Marks
1.	a.	Describe the focal areas of teaching and research in Karunya University as reflected in its vision, mission and goals	CO1	20
(OR)				
2.	a.	How the concept of interdisciplinary research benefits Karunya University's focal area	CO3	20
3.	a.	Explain the important organizations involved in global and national water security with their functions	CO2	20
(OR)				
4.	a.	Describe the principal users of water in the society	CO2	20
5.	a.	List down significant innovations in water technology	CO1	20
(OR)				
6.	a.	Outline the engineering disciplines for food security	CO2	20
7.	a.	List the ways computers are used in health services	CO2	20
(OR)				
8.	a.	Outline the concept of telemedicine in promoting health security	CO2	20
<u>Compulsory:</u>				
9.	a.	Explain the available renewable energies and the technology to harness them	CO1	10
	b.	How Karunya students could contribute towards securing energy for the society	CO3	10

ALL THE BEST