

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 :	14CE2043	Semester :	IVB.Tech/7 th Sem
Sub. Name :	DISASTER MANAGEMENT AND MITIGATION	Duration :	3hrs
		Max. marks :	100

ANSWER ALL QUESTIONS (5 x 20 = 100 Marks)

Q. No.	Sub Div.	Questions	Course Outcome	Marks
1.	a.	Explain the disaster action plan for Tsunami.	CO1	10
	b.	Explain the disaster action plan for Terrorism.	CO1	10
(OR)				
2.	a.	Explain the disaster action plan for Fire, Forest fires and Oil Fires, Oil Well Fires.	CO1	20
3.	a.	Discuss about Risk identification, Risk reduction and Risk transfer.	CO2	10
	b.	Discuss about the role of Central and State government in disaster risk reduction.	CO2	10
(OR)				
4.	a.	Discuss about the role of District and Local administration in disaster risk reduction.	CO2	10
	b.	Discuss about pre-disaster risk management.	CO2	5
	c.	Discuss about post-disaster risk management.	CO2	5
5.	a.	Discuss about Satellite-based weather warning, Flood forecasting and Tsunami warning system	CO3	15
	b.	Discuss about V-SAT phone and Quake alarm system.	CO3	5
(OR)				
6.	a.	Discuss about GPS.	CO3	10
	b.	Discuss about Global warming and climate changes.	CO3	10
7.	a.	How GIS works with suitable diagrams?	CO3	10
	b.	Describe various views of GIS with suitable diagrams.	CO3	10
(OR)				
8.	a.	Describe the DMIS system in India?	CO3	20
<u>Compulsory:</u>				
9.	a.	Discuss about various hazards.	CO1	20

ALL THE BEST