

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 :	16EC2002	Semester :	2016-17 ODD
Sub. Name :	Internet of Things for Communication Engineering	Duration :	3hrs
		Max. marks :	100

ANSWER ALL QUESTIONS (5 x 20 = 100 Marks)

Q. No.	Sub Div.	Questions	Course Outcome	Marks
1.	a.	How IoT will change the world?	CO1	2
	b.	Mention the difference between Internet and Web.	CO1	4
	c.	How will you control a fan through internet? Explain with a block diagram.	CO1	4
	d.	Write about REST.	CO1	5
(OR)				
2.	a.	Explain Web of Things with suitable diagrams	CO1	15
3.	a.	Write about cloud services.	CO1	2
	b.	Name any two applications of IoT under environmental monitoring.	CO1	2
	c.	How will you monitor the temperature of Karunya University from USA by using IoT? Draw the scenario.	CO1	4
	d.	Draw and explain IoT protocol stack.	CO1	7
(OR)				
4.	a.	Illustrate Home Automation Control System with suitable diagram.	CO1	15
5.	a.	Explicate briefly about the IoT performance measurement parameters.	CO2	15
(OR)				
6.	a.	Elucidate the IoT communication patterns in detail.	CO2	15
7.	a.	Explain subnetting with an example.	CO3	15
(OR)				
8.	a.	With a neat sketch, explain how IoT can be used in medical field.	CO3	15
<u>Compulsory:</u>				
9.	a.	Describe IoT layers with a neat sketch	CO1	15

ALL THE BEST