

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 : 14CS3078
Sub. Name : Multimedia Communication

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.		Elaborate on various multimedia data. Which are communicated through highspeed communication network?	CO1	20
(OR)				
2.		Illustrate various network requirements for multimedia communication.	CO1	20
3.		Recall various applications which are offered as entertainment services through multimedia networks.	CO1	20
(OR)				
4.	a.	Illustrate various standards related to interpersonal multimedia communication.	CO1	20
5.	a.	Differentiate synchronous and asynchronous communication.	CO1	5
	b.	Elucidate various communication medium used for digital communication by highlighting each of its communicating perspective.	CO1	15
(OR)				
6.		Sender 'A' transmits 8-bit block to through free space propagation method but it has received with error by Receiver 'B', Sender also sends check bit along with the data. Analyze the possibilities of detecting the error in the received code.	CO2	20
7.		Classify the following communication primitives along with its unique network structures.	CO2	
	a.	Satellite television network.	CO2	10
	b.	Traditional cable television network.	CO2	10
(OR)				
8.	a.	Elucidate the cell format switching architecture of broadband ATM networks.	CO2	20
<u>Compulsory:</u>				
9.	a.	Illustrate various way in which Mobile networks supports in multimedia data communication.	CO2	20

ALL THE BEST