

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 : 14CS3002
Sub. Name : Multimedia Design Storage and Analysis

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.	What benefits are offered by compression schemes in designing multimedia systems? Explain about CCITT compression schemes		20
(OR)				
2.	a.	Compare and contrast JPEG and MPEG. Explain JPEG compression scheme with example.		20
3.	a.	Describe a multimedia application used in the University. Describe what activities can be added which will benefit the university.		20
(OR)				
4.	a.	Why are Levels 2 and 4 of the RAID standards not used very frequently for commercial systems? how would you improve upon RAID Level 5? How do these improvements impact the cost structure of these drives?		10
	b.	Explain where and why you would use magnetic storage in multimedia system.		10
5.	a.	Draw and explain cache management for storage system.		20
(OR)				
6.	a.	Discuss in detail about Virtual reality design.		10
	b.	List and explain distributed application design issues		10
7.	a.	Write short notes on Video Structure Analysis.		10
	b.	Explain Video Content Representation.		10
(OR)				
8.	a.	Explain in detail about Content-based Video Retrieval and Browsing		20
<u>Compulsory:</u>				
9.	a.	Explain in detail about MPEG-7 multimedia content description standard.		20

ALL THE BEST