USN

## Fifth Semester MCA Degree Examination, Dec.2018/Jan.2019 MultiMedia Systems

Time: 3 hrs.

Note: Answer any FIVE full questions.

Max. Marks:100

		Trock Timerres and Tarana grant grant	
1	a.	List and explain the different attributes of Media.	(10 Marks)
1	a. b.	Explain the architecture of Multimedia workstation.	(10 Marks)
	υ.	Explain the diemicetare of Manifestary	
2	a.	Explain different technical terms used in relation to speech output.	(10 Marks)
_	b.	Explain speech synthesis.	(04 Marks)
	c.	With representation, explain speech recognition components.	(06 Marks)
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3	a.	Explain different Image segmentation.	(06 Marks)
	b.	With Block diagram, explain the steps involved in image recognition.	(08 Marks)
	c.	Explain different categories in specification of animations.	(06 Marks)
4	a.	List and explain the major steps in data compression.	(08 Marks)
	b.	Write a note on H.261.	(08 Marks)
	c.	Explain Runlength coding compression technique with example.	(04 Marks)
			(05 Mawks)
5	a.	Explain the properties of WORM's.	(05 Marks) (05 Marks)
	b.	Explain the error handling process in CD-DA.	(10 Marks)
	C.	Write a note on CD – ROM.	(10 Marks)
_		To the dead and writing image sequence in motion vector	(10 Marks)
6	a.	Describe the methods of analyzing image sequence in motion vector.	(10 Marks)
	b.	Discuss different application of content analysis.	
7	0	With a neat diagram, explain TWAIN architecture.	(10 Marks)
1	a. b.	The state of the s	(10 Marks)
	υ.	List and explain the key formal tall	
8	a.	Explain different virtual reality design consideration.	(10 Marks)
O	b.	- C 1/2 data baga	(10 Marks)
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Important Note: 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.

2. Any revealing of identification, appeal to evaluator and /or equations written eg, 42+8 = 50, will be treated as malpractice.

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