POKHARA UNIVERSITY

Level: Bachelor   Semester: Spring   Year   : 2018
Programme: BE   Full Marks: 100
Course: Multimedia System   Pass Marks: 45
                                                    Time   : 3hrs.

Candidates are required to give their answers in their own words as far as practicable.

The figures in the margin indicate full marks.

Attempt all the questions.

1.	a)	Explain the different application areas of multimedia system.	7
	b)	Explain different types of MIDI messages.	8
2.	a)	Explain the methods of controlling animation.	8
	b)	What are the application areas of image processing? Explain.	7
3.	a)	Explain the JPEG compression technique.	8
	b)	What are the approaches that are used to transmit animation over computer network? Describe graphical language with an example.	7
4.	a)	Explain the Form 1 and Form 2 formats of CD-ROM/ Extended Architecture.	8
	b)	Explain the arithmetic encoding and decoding technique with suitable example.	7
5.	a)	Explain various multimedia workstation? Explain hybrid approach.	7
	b)	With suitable examples explain the EDF and RMA Algorithms.	8
6.	a)	Explain the relationship between hypertext, hypermedia and multimedia? Explain open document architecture (ODA).	8
	b)	What are the architectural subsystem of Multimedia Communication System? Explain Quality of Service layered model in Multimedia Communication System	7
7.		Write short notes on: (**Any two**)	2×5
	a)	Image Enhancement	
	b)	SGML	
	c)	QoS parmeters	