POKHARA UNIVERSITY

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)	Define multimedia system. Explain the implementation areas of multimedia.	7
	b)	Briefly explain the Huffman Coding with example.	8
2.	a)	Explain the jpeg compression techniques.	7
	b)	How the information is stored in optical disk? Explain the principle of CD-WO with diagram.	8
3.	a)	List out the names and their function of Midi Software.	7
	b)	Briefly explain the spatial filtering technique for image enhancement.	8
4.	a)	Define real time system. Explain the characteristics of real time OS.	7
	b)	Describe the various methods for controlling animations.	8
5.	a)	Discuss about the hypermedia system architecture with nodes and pointer.	8
	b)	Explain the application subsystem of multimedia communication system.	7
6.	a)	Differentiate between ODA and MHEG with suitable block diagram.	7
	b)	Why quality of service is important for multimedia communication system. Explain QoS layered model for the multimedia communication system.	8
7.		Write short notes on: (**Any two**)	2×5

- a) DVI
- b) USB
- c) Multimedia Workstation