UG Computer Application Certificate Course Semester -I (NEP) Examination
Course Implemented From June-2023
Dec. -2023
Computer Organization - MS23MDCBCA-103

Total Marks : 50   **Time : 2½ Hours**

Que. 1	Attempt the following. (Any Two)	10
	1. Explain generation of computer in detail.	
	2. Explain digital and analog system in detail.	
	3. Explain personal computer, main frame computer and super computer.	

Que. 2	Attempt the following. (Any Two)	10
	1. List out input and output device. Explain output device in detail.	
	2. Explain difference between RAM and ROM.	
	3. Explain switch and hub in detail.	

Que. 3	Attempt the following. (Any Two)	10
	1. $1011+1101+1001+1111$	
	2. $(4057.06)_8 = ()_{10}$	
	3. $(1056)_{16} = ()_8$	
	4. $(101101.110)_2 = ()_{10}$ 45.7	
	5. $1101_2 - 1010_2$	

Que. 4	Attempt the following. (Any Two)	10
	1. Explain Encoder in detail.	
	2. Explain half adder and full adder in detail.	
	3. Explain logical gates in detail.	

Que. 5	Attempt the following.	10
	1. Define: DOS.	
	2. Define: Hardware.	
	3. What is cache memory?	
	4. Rom is a volatile memory. (True / False)	
	5. Full Form : LCD, LED.	
	6. What is the use of plotter?	
	7. What is Number System?	
	8. List out universal gates.	
	9. What is XS-3?	
	10. Full Form BCD.	