

QP Code: D 112491		Total Pages: 1	Name:
		Register No.	
FIRST SEMESTER UG DEGREE EXAMINATION, NOVEMBER 2024			
(CUFYUGP)			
CSC1MN107 - COMPUTER HARDWARE ASSEMBLY			
2024 Admission onwards			
Maximum Time: 2 Hours		Maximum Marks: 70	
Section A			
All Question can be answered. Each Question carries 3 marks (Ceiling: 24 Marks)			
1	Define secondary memory and provide examples.		
2	How does the control unit manage data flow within the CPU?		
3	What is a cooling fan, and why is it essential in PC assembly?		
4	Why are registers important in CPU operations?		
5	Briefly explain the features of multi-core Processors.		
6	What is the difference between DDR2, DDR3, and DDR4 RAM?		
7	Define expansion cards and their types.		
8	What role does the SMPS play in a computer system?		
9	Why is mounting the motherboard correctly important during assembly?		
10	What is the purpose of BIOS Settings in system configuration?		
Section B			
All Question can be answered. Each Question carries 6 marks (Ceiling: 36 Marks)			
11	Discuss with example the concept of hardware and software.		
12	Explain the differences between magnetic tape and compact disk as storage devices.		
13	What are the procedures for configuring hardware in BIOS/UEFI?		
14	Briefly discuss the functionality of arithmetic and logic unit.		
15	What is the significance of RAM Types in system performance?		
16	Discuss the process of installing a GPU in a PC.		
17	Briefly explain with examples the difference between input devices and output devices?		
18	Explain how the memory hierarchy affects the overall performance of a computer system.		
Section C			
Answer any ONE. Each Question carries 10 marks (1x10=10 Marks)			
19	Elaborate on the different types of processors and their applications.		
20	Describe the steps for effective cable management within a PC case.		