

Int IT IMS & CS (NEP) Sem.-1 Examination

DSC-M-IMS-113T

System Organization

February-2025

Time : 1-00 Hour]

[Max. Marks : 25

Instructions:			Marks
1. Attempt all questions. 2. Make suitable assumptions wherever necessary. 3. Do not write anything on the question paper.			
Q.1	(a)	Choose the appropriate option from given below. (True/False) (Any Five) <ol style="list-style-type: none"> 1. System boards are classified by their form factor (design), such as ATX, micro ATX, and ITX. 2. The successor to the BIOS is the Unified Extensible Firmware Interface (UEFI). 3. Static random-access memory (SRAM) requires a refresh signal like DRAM does. 4. A processor that exhibits a multicore architecture has multiple completely separate processor dies in the same package. 5. CPU throttling allows for extending the operating frequency of the CPU during times of less demand or during battery operation 6. DDR SDRAM for desktops comes in 185-pin DIMMs. 	5
OR			
Q.1	(b)	Choose the appropriate option from given below. (True/False) (Any Five) <ol style="list-style-type: none"> 1. An expansion card is simply a circuit board that you install into a computer to increase the capabilities of that computer. 2. AMD developed the Advanced Technology Extended (ATX) motherboard in the mid-1990s to improve upon the classic AT-style motherboard architecture. 3. A chipset is a collection of chips or circuits that perform interface and peripheral functions for the processor 4. PCI stands for Peripheral Component Intercommunication. 5. An input device is one that transfers information from outside the computer system to an internal storage location, 6. PCI Express (PCIe) was designed to be a replacement for AGP, or accelerated graphics port, and PCI. 	5

(P.T.O.)

Q.2	(a)	Answer the following questions in short. (Any Five) 1. Give the full form of SDRAM. 2. What is Firmware? 3. List the architecture of the Processor. 4. Explain DDR RAM. 5. Explain BIOS. 6. List the form factor of the motherboard.	10
		OR	
Q.2	(b)	Answer the following questions in short. (Any Five) 1. What means expansion slot? 2. What is chipset? 3. List the type of Hard Disk Drive. 4. List the cache memory of CPU. 5. Explain UEFI. 6. List the type of RAM.	10
Q.3	(a)	Explain Motherboard in details.	10
		OR	
Q.3	(b)	Explain Hard Disk Drive in details.	10