

B.Sc.(IT) Semester - 1 (CBCS) Examination**Oct/Nov. -2019 (OLD COURSE)****COMPUTER FUNDAMENTALS AND EMERGING TECHNOLOGY (CORE)****Time: 2:30 Hours****Marks: 70****Instructions:**

1. All questions are compulsory.
 2. Figures to the right indicate marks.
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Qts. 1 [A] Attempt The Following**4**

1. Full form of EEPROM is ____
2. Full form of PCI is ____
3. Full form of ALU is ____
4. Full form of UPS is ____

Qts. 1 [B] Attempt The Following (Any One)**2**

1. Explain: Computer and its advantages
2. Explain: Network card and Graphic card

Qts. 1 [C] Attempt The Following (Any One)**3**

1. Write a short note on: Various output devices
2. Write a short note on: Types of Processors

Qts. 1 [D] Attempt The Following (Any One)**5**

1. Write a detail note on: Cables and Ports
2. Write a detail note on: Model of Computer

Qts. 2 [A] Attempt The Following**4**

1. Full form of POS is ____
2. Full form of MIDI is ____
3. Full form of CD is ____
4. Full form of USB is ____

Qts. 2 [B] Attempt The Following (Any One)**2**

1. Explain: Floppy Disk and Hard Disk
2. Explain: Pen Drive and DVD

Qts. 2 [C] Attempt The Following (Any One)**3**

1. Write a note on: MIDI, Cluster and Pen Drive
2. Write a note on: Various types of Storage Devices

Qts. 2 [D] Attempt The Following (Any One)**5**

1. Write a detail note on: Types of Scanners
2. Write a detail note on: Storage mechanism and magnetic storage devices

Qts. 3 [A] Attempt The Following**4**

1. Full form of OLED is ____
2. Full form of CRT is ____
3. FAX is abbreviation of ____
4. Full form of SGD is ____

Qts. 3 [B] Attempt The Following (Any One)**2**

1. Explain: SGD
2. Explain: Google Glass

Qts. 3 [C] Attempt The Following (<u>Any One</u>)	3
1. Explain: CRT and its working	
2. Explain: Plotter	
Qts. 3 [D] Attempt The Following (<u>Any One</u>)	5
1. Explain: LCD, LED and Plasma Display	
2. Explain: Types of Printers	
Qts. 4 [A] Attempt The Following	4
1. What is Parity Bit ?	
2. What is Nibble ?	
3. What is Bit ?	
4. What is BCD ?	
Qts. 4 [B] Attempt The Following (<u>Any One</u>)	2
1. $(100)_{10} = (?)_2$	
2. $(197)_{10} = (?)_2$	
Qts. 4 [C] Attempt The Following (<u>Any One</u>)	3
1. Explain: Types of Codes	
2. Write a short note on: Even and Odd Parity System	
Qts. 4 [D] Attempt The Following (<u>Any One</u>)	5
1. Write a note on: Types of Computer Languages	
2. Write a note on: Types of Translator	
Qts. 5 [A] Attempt The Following	4
1. Full form of SLM is ____	
2. Full form of LiFi is ____	
3. Full form of PPM is ____	
4. Full form of GPS is ____	
Qts. 5 [B] Attempt The Following (<u>Any One</u>)	2
1. What is: ATM and Fiber Optic	
2. What is: Backup and Restore	
Qts. 5 [C] Attempt The Following (<u>Any One</u>)	3
1. Explain: Modem, Bluetooth and Infrared	
2. Explain: Netmeeting, UPS and GUI	
Qts. 5 [D] Attempt The Following (<u>Any One</u>)	5
1. What is Virus, virus types and antivirus software	
2. Write a detail note on: Cloud Computing	
