

B.Sc.(IT) Semester - 1 (CBCS) Examination**Feb/Mar. -2021 (NEW COURSE)****COMPUTER FUNDAMENTALS & EMERGING TECHNOLOGY(CORE)****Time: 1:30 Hours****Marks: 42****Instructions:**

1. Figures to the right indicate marks.
2. There are five questions in the question paper.
3. Answer any three of the following questions.

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- Q.1(A) Answer the following questions. (03)
1. Write full form of CPU.
 2. Write full form of ROM.
 3. What is Computer?
- Q.1(B) Answer the following questions. (any two) (06)
1. Explain Network card and sound card.
 2. Explain Characteristics of Computer.
 3. Explain different slots.
 4. Explain different types of processors available.
- Q.1(C) Answer the following questions. (any one) (05)
1. Explain secondary storage devices.
 2. Explain Generations of Computers.
- Q.2(A) Answer the following questions. (03)
1. Write full form of CRT.
 2. Write full form of LCD.
 3. Write full form of OBR.
- Q.2(B) Answer the following questions. (any two) (06)
1. Explain any 2 Input devices.
 2. Explain Touch Screen and Light Pen.
 3. Explain Scanners.
 4. Explain MIDI keyboard.
- Q.2(C) Answer the following questions. (any one) (05)
1. Explain any 3 Output devices in detail.
 2. Explain different types of Printers.
- Q.3(A) Answer the following questions. (03)
1. List out storage devices.
 2. Write full form of USB.
 3. Write full form of DVD.
- Q.3(B) Answer the following questions. (any two) (06)
1. Explain Tracks, Sectors and Clusters.
 2. Explain Response time.
 3. Explain cloud storage.
 4. Explain Flash Memory.
- Q.3(C) Answer the following questions. (any one) (05)
1. Explain Reading and Writing data to and from storage devices.
 2. Explain Magnetic Tape.
- Q.4(A) Answer the following questions. (03)
1. What is parity check?
 2. Write full form of ASCII.
 3. Base of Binary number system is _____.

- Q.4(B) Answer the following questions. (any two) (06)
1. Explain different types of Operating System.
 2. Explain uses of Software Packages.
 3. Explain Compiler.
 4. Explain Different types of Codes.
- Q.4(C) Answer the following questions. (any one) (05)
1. Explain Binary to Decimal number conversion with example.
 2. Explain 1's Complement and 2's Complement.
- Q.5(A) Answer the following questions. (03)
1. What is LiFi?
 2. What is WiFi?
 3. What is GSM?
- Q.5(B) Answer the following questions. (any two) (06)
1. What is GIS? Explain it.
 2. What is VOLTE? Explain it.
 3. Explain: IAAS, PAAS and SAAS.
 4. Explain Security & Privacy.
- Q.5 (C) Answer the following questions. (any one) (05)
1. Explain: Communication Devices.
 2. Explain Virus.
