

B.Sc.(IT) Semester - 1 (CBCS) Examination**Nov./Dec. -2018 (Old Course)****COMPUTER FUNDAMENTALS AND EMERGING TECHNOLOGY(CORE)****Time: 2:30 Hours****Marks: 70****Instructions:**

1. All question.s are compulsory.
2. Figures to the right indicate marks.

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- Q-1 (A) Answer the following question. (04)
- (1) Write full form of DRAM.
 - (2) Write full form of PROM.
 - (3) Write full form of CPU.
 - (4) Write full form of UPS.
- (B) Answer the following question. (Any One) (02)
- (1) List out different types of processors available.
 - (2) List out different types of ports available in computer system.
- (C) Answer the following question. (Any One) (03)
- (1) Explain different Generations of Computer.
 - (2) Explain classification of Computer by processing capabilities.
- (D) Answer the following question. (Any One) (05)
- (1) Explain simple model of Computer.
 - (2) Explain secondary storage devices.
- Q-2 (A) Answer the following question. (04)
- (1) Write full form of MICR
 - (2) Write full form of POS.
 - (3) Write full form of OCR.
 - (4) Write full form of OMR.
- (B) Answer the following question. (Any One) (02)
- (1) List out different types of Magnetic storage Devices.
 - (2) What is Google Drive?
- (C) Answer the following question. (Any One) (03)
- (1) List out Input devices. Explain any two in detail.
 - (2) Explain USB pen drive and CD.
- (D) Answer the following question. (Any One) (05)
- (1) Explain different Wireless devices.
 - (2) Explain Storage Mechanism of Magnetic Storage Devices.
- Q-3 (A) Answer the following question. (04)
- (1) Write full form of LCD.
 - (2) Write full form of CRT.
 - (3) Write full form of LED.
 - (4) What is COM?
- (B) Answer the following question. (Any One) (02)
- (1) What is Google glass?
 - (2) What is Speech Generating Device?

- (C) Answer the following question. (Any One) (03)
- (1) What is Plotter? Explain different types of Plotters.
 - (2) Explain CRT display units.
- (D) Answer the following question. (Any One) (05)
- (1) Explain different types of non-CRT display units.
 - (2) What is Printer? Explain different types of Printers.
- Q-4 (A) Answer the following question. (04)
- (1) What is BIT?
 - (2) What is BYTE?
 - (3) What is BCD?
 - (4) What is parity check?
- (B) Answer the following question.(Any One) (02)
- (1) What is translator?
 - (2) What is ASCII code?
- (C) Answer the following question. (Any One) (03)
- (1) Explain Binary to Decimal number conversion.
 - (2) Explain different types of Languages.
- (D) Answer the following in detail. (Any One) (05)
- (1) Explain different number systems.
 - (2) What is Operating System? List out different types of Operating System and Explain any one type of Operating System.
- Q-5 (A) Answer the following question. (04)
- (1) Write full form of ATM.
 - (2) What is Hard copy and Soft copy?
 - (3) What is Optical Fibre (Fibre optics)?
 - (4) What is DPI?
- (B) Answer the following question. (Any One) (02)
- (1) What is GPS?
 - (2) What is GSM?
- (C) Answer the following question. (Any One) (03)
- (1) What is Virus? Explain different types of viruses.
 - (2) What is shutdown, reboot and restart?
- (D) Answer the following in detail. (Any One) (05)
- (1) Explain Cloud Computing.
 - (2) Explain different communication devices.
