



NBO-0200940

Seat No. _____

P. G. D. C. A. (Sem. I) (NON-CBCS) Examination

April / May - 2017

CS-1 : Computer Fundamentals & Networking

(Old Course)

Time : 3 Hours]

[Total Marks : 100

- 1 Attempt any four : 20**
- (a) Give differences :
 - (i) Mainframe Computer v/s Super Computer
 - (ii) Input Devices v/s Output Devices
 - (b) Explain the Block Diagram of Computer.
 - (c) Explain the Generations of Computer.
 - (d) Write a note on Touch Screen.
 - (e) Write a note on Light Pen.
- 2 Attempt any four : 20**
- (a) Explain OMR and OCR.
 - (b) Explain Daisy Wheel Printer.
 - (c) Explain Ink Jet Printer and Laser Printer.
 - (d) Discuss PROM and EPROM.
 - (e) Explain Magnetic Disk Storage.
- 3 Attempt any four : 20**
- (a) Write a note on Blu-Ray Disk and Pen drive.
 - (b) Discuss on Machine Level Language and Assembly Level Language.
 - (c) What is Operating System? Explain any two types of Operating System.
 - (d) What is GIS? Explain how GIS Works and GIS Applications.
 - (e) Write a note on Blue Tooth and Wi-Fi.

4 Attempt any four : 20

- (a) Discuss 1's Complement and 2's Complement methods with example.
- (b) Explain different Network Topologies.
- (c) What is Network? Explain any four Network Services.
- (d) Explain any two types of Transmission Cable.
- (e) Explain any two types of Wireless Transmission Media Technology.

5 Attempt any four : 20

- (a) Write a note on Hub and Router devices.
 - (b) What is use of Protocol? Explain HTTP and FTP.
 - (c) Write a note Network Administrative Models.
 - (d) Explain the conversions of Binary to Octal and Decimal to Binary with Example.
 - (e) Write a note on CRT.
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