



MBN-0200940

Seat No. _____

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

April / May - 2018

CS - 01 : Computer Fundamentals & Networking

Time : 3 Hours]

[Total Marks : 100

- 1 Answer the following : (any four) 20**
- (1) Write a Block Diagram of computer system.
 - (2) Explain Different Types of computer.
 - (3) Explain 5th Generations of computer.
 - (4) Explain optical related scanners.
 - (5) What is computer? Explain characteristics of computer.
- 2 Answer the following : (any four) 20**
- (1) Explain various types of printers.
 - (2) Discuss: RAM and ROM.
 - (3) Explain USB Drive, DVD
 - (4) Convert $(11001)_2$ To $(?)_{10}$ and $(?)_8$ and $(?)_{16}$.
 - (5) $(111011)_2 - (11001)_2$ using 2nd Complement Methods.
- 3 Answer the following : (any four) 20**
- (1) Explain Compiler, Interpreter, and Assembler.
 - (2) What is Operating System? Explain any two.
 - (3) Explain Remote Sensing, Blue-tooth.
 - (4) Explain GIS and GPS.
 - (5) Explain types of computer languages.

4 Answer the following : (any **four**) **20**

- (1) Explain Star and BUS topologies with detail.
- (2) Explain Client-ServerNetwork Model with diagram.
- (3) Explain any two wireless transmission media.
- (4) What is computer network ? Explain types of network.
- (5) List out Network Services and explain any two.

5 Answer the following : (any **four**) **20**

- (1) Explain Fiber optic cable, Co-axial cable.
- (2) Explain Hub with its types
- (3) Explain SMTP and FTP
- (4) Explain Network administrative model with Work Group.
- (5) How to manage User accounts and group security on window OS ?
