



**PBT-0200940**

Seat No. \_\_\_\_\_

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

**December - 2018**

**CS - 01 : Computer Fundamentals & Networking**

Time : 3 Hours]

[Total Marks : 100

- 1 Answer the following : (any four) 20
- (1) Explain different types of computers.
  - (2) Explain Block Diagram of computer system.
  - (3) What is computer? Explain characteristics of computer.
  - (4) Explain 3<sup>rd</sup> Generation of computer.
  - (5) Explain OBR & OCR.
- 2 Answer the following : (any four) 20
- (1) What is Output device? Explain any two devices.
  - (2) Explain Types of Impact Printers.
  - (3) Difference Between Machine Level and High Level Language.
  - (4) Convert  $(10101)_2$  To  $(?)_{10}$  &  $(?)_8$  &  $(?)_{16}$
  - (5) Explain RAM & ROM.
- 3 Answer the following : (any four) 20
- (1) Explain GIS & GPS.
  - (2) Explain Compiler, Interpreter, and Assembler.
  - (3) What is Operating System? Explain any two.
  - (4) Explain types of computer languages.
  - (5) Explain Bus and Ring Topology.
- 4 Answer the following : (any four) 20
- (1) Explain Client-Server Model.
  - (2) Explain TCP, IP, UDP Protocol.
  - (3) Explain UTP Cable.
  - (4) Explain Infrared and Laser Transmission.
  - (5) Explain Modem and Repeater.

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

**20**

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