



DI-0200940

Seat No. _____

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

April / May - 2015

CS-01 : Computer Fundamentals & Networking

Time : 3 Hours]

[Total Marks : 100

- 1 Attempt Any Four : 20**
- (1) Explain Block Diagram of Computer System.
 - (2) Discuss projector.
 - (3) What is numbers system ?
 - (4) Explain Interpreter & Compiler.
 - (5) Write Definition of : Mini Computer. Micro Computer, Mainframe Computer, Super Computer & Hybrid Computer.
- 2 Attempt Any Four : 20**
- (1) Write a Short Note on Primary Storage Device.
 - (2) Explain characteristics of Computer.
 - (3) Define OS. List out OS & Explain any one OS.
 - (4) What are the advantages of using EPROM memory? Discuss your answer.
 - (5) List Secondary Storage Device & Explain any one.
- 3 Attempt Any Four : 20**
- (1) Explain use of blue-tooth.
 - (2) Write a short note on GIS & GPS.
 - (3) What is network topology? List out all topology. Explain any one network topology.
 - (4) Define Machine Level Language & Assembly level Language.
 - (5) List all Network Services. Explain any one.

4 (A) Attempt Any **Four** : **10**

- (1) $(1010010111)_2 = \dots\dots\dots 8$
- (2) $(230)_4 = \dots\dots\dots 5$
- (3) $(0000011.0111111001010)_2 = \dots\dots\dots 16$
- (4) $3AC_{14} = \dots\dots\dots 9$
- (5) $25.43_7 = \dots\dots\dots 10$

(B) Full Form **10**

- (1) HTTP
- (2) CRT
- (3) EEPROM
- (4) MICR
- (5) TCP / IP
- (6) CD
- (7) OCR
- (8) Wi-Fi
- (9) DVD
- (10) GB

5 Attempt Any **Four** : **20**

- (1) Discuss all conversion method with examples.
- (2) Explain different data communication mode. (all three duplex)
- (3) What is Network? Explain LAN, MAN & WAN.
- (4) Write a short note on Infra-red.
- (5) What is fiber optics? Explain in detail.

