Paper 6 : COMPUTER NETWORKING & INTERNET TECHNOLOGY - 2016

Time : Three Hours] [*Maximum Marks : 100* [*Minimum Pass Marks : 40*

Note : All questions are compulsory. Attempt any two parts from each question. All questions carry equal marks.

UNIT - 1

1. (a) Explain data communication and requirement of networking.
   (b) Write short notes on the following :
       (i) Protocol   (ii) Topology
   (c) Describe the types of network.

(150)

UNIT - 2

2. (a) Explain OSI model architecture.
   (b) Describe ARPANET and NOVELL NETWARE.
   (c) Write the functions of TCP/IP layers.

UNIT - 3

3. (a) Explain parallel transmission and serial transmission with example. http://www.prsunotes.com
   (b) Write short notes on the following :
       (i) DTE-DCE   (ii) Modem
   (c) Differentiate analog data and digital data.

UNIT - 4

4. (a) Explain internet architecture and application of www.
   (b) Write codes to design a table and frames.
   (c) Explain CGI scripting by giving one example webpage coding.

UNIT - 5

5. (a) Describe object oriented features and write a program to show the use of applet.
   (b) How can you define styles in HTML ? Write the features of style sheet.
   (c) Explain any five Java script commands.