Total No. of printed pages = 6

RETEST EXAMINATION – 2019

Semester : 6th (Old)

Subject Code : Co-602

INTERNET AND WEB TECHNOLOGY

Full Marks – 70

Time – Three hours

The figures in the margin indicate full marks for the questions.

Instructions :

1. *All* questions of PART – A are compulsory.

2. Answer any *five* questions from PART – B.

PART – A

Marks – 25

1. Fill in the blanks : $1 \times 10 = 10$

   (a) The origin of Internet devised from the concept of _____.

   (b) VPN stands for _____.

[Turn over

(c) FTP is used to _____.

(d) Routers are part of the _____ layer.

(e) A computer network that spans a relatively large geographical area is called _____.

(f) ISP denotes _____.

(g) A modem is a _____ device.

(h) _____ is used to access and operate a remote computer on a network.

(i) The language used to develop web pages is called _____.

(j) A network of networks is known as _____.

2. Write true or false :   1×10=10

(a) ARPANET was developed by United States Department of Defense.

(b) WAN stands for World Area Network.

(c) Ethernet uses an access method called CSMA / CD.

(d) Gateways used in VPN are called tunneling gateways.

(e) UDP is connection oriented.

(f) Framing is done in the data link layer of a OSI model.

(g) Session layer is responsible for establishing a session between two workstations that want to exchange data.

(h) The web server does not wait and listen the requests from web browsers.

(i) Internet and Intranet both are same.

(j) The full form of HTML is hypertext making language.

3. Choose the correct answer :   1×5=5

(a) A piece of icon or image on a web page associated with another web page is called

(i) URL

(ii) Hyperlinks

(iii) Plugin

(iv) None of the above

(b) Dynamic web page

(i) is same every time whenever it displays

(ii) generates on demand by a program or a request from browser

(iii) Both (i) and (ii)

(iv) None of the mentioned

(c) What is a web browser ?

(i) A program that can display a web page

(ii) A program used to view html documents

(iii) It enables user to access the resources of internet

(iv) All of the mentioned

(d) Which one of the following is not used to generate dynamic web pages ?

(i) PHP

(ii) ASP.NET

(iii) JSP

(iv) None of the above

(e) _____ is a repository of information linked together from points all over the world.

(i) The WWW

(ii) HTTP

(iii) HTML

(iv) None of the above.

PART – B

Marks – 45

4. (a) Define internet. Write down the application of internet.   1+4=5

(b) Explain the features of internet.   4

5. (a) What is an OSI model ?   2

(b) Explain the various levels of OSI model.   7

6. (a) What is TCP/IP Reference Model ? Explain.   1+4=5

(b) Write short notes on :   2×2=4

(i) FTP

(ii) UDP

7. (a) Define e-mail. Discuss e-mail protocol.

                                                   1+4=5

    (b) Explain the format of an email address.   4

8. (a) Define e-commerce. Explain various modes of e-commerce.   1+4=5

    (b) Discuss different types of electronics payment system.   4

9. Answer any *nine* :   1×9=9

    (a) Define internet.

    (b) Define protocol.

    (c) Define ISP.

    (d) Define WWW.

    (e) Define telnet.

    (f) Define congestion.

    (g) Define network traffic.

    (h) Define LAN.

    (i) Define DNS.

    (j) Define IP.