2020

INTERNET AND WWW AND FUNCTIONAL e-BUSINESS SYSTEM — GENERAL

Paper : DSE 6.1 e-B

Full Marks : 80

The figures in the margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

Module - I

(Internet and WWW)

Group - A

Answer *any one* question.

1. (a) Why Telnet is known as remote login? Explain.

   (b) Distinguish between TCP and User Datagram Protocol. 8+8

2. (a) How TCP/IP is working at transport layer? Describe diagrammatically.

   (b) Describe steps for using FTP. 8+8

3. Define Extranet. Distinguish between Intranet and Groupware. 16

4. (a) https://www.caluniv.ac.in — Explain the web address.

   (b) Distinguish between HTML and XML. 8+8

Group - B

Answer *any one* question.

5. (a) With the help of the following two, explain the basic structure of e-mail address.

   (i) akb@tdbk.co.uk

   (ii) kamal@rediffmail.com

   (b) What is address book in e-mail?

   (c) Explain the concept of 'Domain Name' with example drawn from organizational domains and geographic domains. 8+8+8

Please Turn Over

6. (a) How 'Worms' affect computer system?

   (b) Describe the benefits of Firewall.

   (c) How 'Boot Sector Virus' and 'File-Infecting Virus' affect computer system?   6+6+12

7. Write short notes on :   12+12

   (a) Polymorphic Virus

   (b) Stealth Virus

8. Discuss various common security threats that may crop up in website.   24

Module - II

(Functional e-Business System)

Group - A

Answer *any one* question.

9. (a) Why online travel services are so popular?

   (b) Distinguish between Financial Portal and Account Aggregators.   8+8

10. Briefly describe different platforms of digital marketing roadmap with suitable example.   16

11. (a) What do you mean by tacit and explicit knowledge?

    (b) Discuss how an online credit card transaction works.   8+8

12. Explain the effect of virtual value chain in promotion of products and services.   16

Group - B

Answer *any one* question.

13. (a) Describe basic features of GSM and CDMA wireless technology.

    (b) What is GPRS? Briefly describe the protocols supported by GPRS.   12+12

14. (a) What is spectrum? How does spectrum work?

    (b) Describe basic feature of digital cash and digital wallet.   12+12

15. (a) What do you mean by Peer to Peer payment? How does it work?

    (b) What is fixed and flexible web page design? Mention their advantages and disadvantages.   12+12

16. (a) Write six obstacles to adopt e-business applications.

    (b) Describe application of ICT in Supply Chain Management.   12+12

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