

19. (a) Explain briefly about EDI security.

Or

(b) Discuss the Electronic Data Interchange.

20. (a) Explain components of ERP.

Or

(b) What are the seven phases of business process reengineering? Discuss.

S.No. 4205

NSRGA 8

(For candidates admitted from 2003–2004 onwards)

B.C.A. DEGREE EXAMINATION, NOVEMBER 2023.

Part III — Computer Applications — Major

E-COMMERCE AND ITS APPLICATIONS

Time : Three hours

Maximum : 100 marks

SECTION A — (10 × 2 = 20)

Answer ALL questions.

1. What do you mean by electronic payment system in e-commerce?
2. Write the simplest method of electronic communication.
3. What are the four basic terms of data communication?
4. Differentiate LAN and WAN.
5. What is IP address?
6. Write down the name of services provided by TCP.

7. What are the four major components of EDI?
8. List the advantages of EDI.
9. Define ERP.
10. What is the importance of ERP in information technology?

SECTION B — (5 × 6 = 30)

Answer ALL questions, choosing either (a) or (b).

11. (a) Discuss about credit card payment process.
Or
(b) What is meant by EFT? Discuss it.
12. (a) Discuss three types of data transmission channels.
Or
(b) Write short notes on network topology.
13. (a) Write briefly about the real life application of TCP/IP.
Or
(b) Discuss various types of network security.

14. (a) Discuss how does EDI Work.
Or
(b) Write short notes on EDIFACT.
15. (a) What are the main characteristics of an ERP system?
Or
(b) Discuss about the ERP trends for 2023.

SECTION C — (5 × 10 = 50)

Answer ALL questions, choosing either (a) or (b).

16. (a) Explain about E-Commerce and its features.
Or
(b) Discuss various types of Electronic commerce solution.
17. (a) Discuss about FDM and TDM.
Or
(b) Explain circuit switching and packet switching with neat diagram.
18. (a) Draw the architecture of TCP/IP and explain.
Or
(b) Discuss elements of security in TCP/IP network.