

19U549

(Pages: 2)

Name: .....

Reg. No.....

**FIFTH SEMESTER B.Com. PROFESSIONAL. DEGREE EXAMINATION, NOVEMBER 2021**

(CUCBCSS-UG)

(Regular/Supplementary/Improvement)

**CC17U BCP5 B24 - INFORMATION TECHNOLOGY FOR BUSINESS**

(B.Com. Professional - Core Course)

(2017 Admission onwards)

Time: Three Hours

Maximum: 80 Marks

**Part A**

Answer *all* questions. Each question carries 1 mark.

Choose the correct answer:

1. An organised combination of people, hardware, software, communication network, data and procedures for storing, retrieving and disseminating information is called
  - a. Protocol
  - b. Information System
  - c. FTP
  - d. Artificial Intelligence
2. Knowledge Management System is an IT based system that helps an organization in
  - a. Creating knowledge
  - b. Disseminating knowledge
  - c. Storing knowledge
  - d. All of the above
3. The internet and internet like networks between an enterprise and its trading partners is called
  - a. DBMS
  - b. Intranet
  - c. Extranet
  - d. Telecommunication
4. The network topology which ties end user computers to a central computer is
  - a. Bus
  - b. Ring
  - c. Star
  - d. Mesh
5. \_\_\_\_\_ stores data that have been extracted from various operational, external and other databases of an organization.
  - a. Data mining
  - b. Data warehouse
  - c. E-commerce
  - d. Spreadsheet

Fill in the blanks:

6. Abbreviation of Wi-Fi is \_\_\_\_\_
7. Computer network for inter-connecting devices centered on an individual person's work space is called \_\_\_\_\_
8. DBA stands for \_\_\_\_\_
9. A communication processor that allows single communication channel to carry simultaneous data transmissions from many terminals is called \_\_\_\_\_
10. In a Relational structure, all data elements within database are stored in two dimensional tables called \_\_\_\_\_

**(10 × 1 = 10 Marks)**

### **Part B**

Answer any *eight* questions. Each question carries 2 marks.

11. What is a spreadsheet?
12. What do you mean by peer to peer network?
13. Differentiate between data and information.
14. What is Artificial Intelligence?
15. What is a multiplexer?
16. What is E-commerce?
17. What is Process Control System?
18. What is DBMS?
19. What are the components of a network?
20. Discuss about Hub and Switch.

**(8 × 2 = 16 Marks)**

### **Part C**

Answer any *six* questions. Each question carries 4 marks.

21. Discuss the advantages and disadvantages of Information system.
22. Define Expert Systems. What are the components of Expert Systems?
23. What is a tele-communication network? Explain the various types of network with appropriate diagrams wherever necessary.
24. What is Scenario Management?
25. What are Database structures? Explain in detail with diagrams wherever applicable.
26. Discuss about the innovative management concepts with reference to Information Technology.
27. Explain the various methods of office automation.
28. Write about Data Mining and Data Warehousing.

**(6 × 4 = 24 Marks)**

### **Part D**

Answer any *two* questions. Each question carries 15 marks.

29. Explain What-If Analysis and Goal Seek Analysis?
30. What is the strategic role of MIS? Explain the operations and management classification of Information Systems.
31. What is Network Topology? Discuss the common network topologies.

**(2 × 15 = 30 Marks)**

\*\*\*\*\*