

**22U558**

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Name: .....

Reg. No: .....

**FIFTH SEMESTER B.Com. PROFESSIONAL DEGREE EXAMINATION, NOV. 2024**

(CUCBCSS-UG)

(Regular/Supplementary/Improvement)

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

(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. Which of the following is NOT a type of network topology?  
a) Star                      b) Bus                      c) Ring                      d) Loop
2. Which technology is used for short-range wireless communication, typically up to 10 meters?  
a) Wi-Fi                      b) Ethernet                      c) Bluetooth                      d) Fibre Optic
3. Which information system supports the higher level of management to take strategic decisions?  
a) TPS                      b) MIS                      c) EIS                      d) MMS
4. The process of analyzing large datasets to find patterns or relationships is known as:  
a) Data Warehousing                      b) Data Mining  
c) Database Management                      d) Data Processing
5. Which office automation tool is primarily used for numerical analysis and financial forecasting?  
a) Word Processor                      b) Spreadsheet  
c) Presentation Software                      d) Email Client

Fill in the Blanks:

6. Scenario Manager is an example of \_\_\_\_\_ tool used in Excel.
7. \_\_\_\_\_ is the role responsible for managing and maintaining a database.
8. The system used to assist senior executives in decision-making processes is called a \_\_\_\_\_
9. \_\_\_\_\_ is a wide-ranging branch of computer science that aims to build machines capable of performing tasks that typically require human intelligence
10. The \_\_\_\_\_ topology connects each computer directly to every other computer in the network.

**(10 × 1 = 10 Marks)**

### **Part B**

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

11. What is the primary function of a modem in telecommunications?
12. Define the term "Information Overload."
13. What is a Relational Database Management System (RDBMS)?
14. List two examples of IT applications in business.
15. Explain the concept of "Virtual Office."
16. What is the difference between LAN and WAN?
17. Define "Goal Seek" in spreadsheet software.
18. What are the objectives of office automation?
19. Name two modern communication technologies used in offices.
20. What is the strategic role of a Management Information System (MIS)?

**(8 × 2 = 16 Marks)**

### **Part C**

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

21. Describe the different types of network topologies.
22. Explain the components of a computer network.
23. Discuss the role of IT in managerial decision-making.
24. Outline the basic structure and evolution of Management Information Systems (MIS).
25. Explain the concept and importance of data warehousing.
26. Discuss the applications of IT in Supply Chain Management (SCM).
27. Describe the functions and uses of office support systems.
28. Compare and contrast DBMS and RDBMS.

**(6 × 4 = 24 Marks)**

### **Part D**

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

29. What is a spreadsheet? Explain various applications of Excel.
30. Explain different types of information systems supporting different levels of management.
31. IT supports managerial decision making. Comment on this statement with relevant examples.

**(2 × 15 = 30 Marks)**

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