

D5BCM2207

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Reg. No.....

Name:

FIFTH SEMESTER B.Com. DEGREE EXAMINATION, NOVEMBER 2024

(Regular/Improvement/Supplementary)

**COMPUTER APPLICATION
GBCM5B13T: BUSINESS INFORMATION SYSTEMS**

Time: 2 ½ Hours

Maximum Marks: 80

SECTION A: Answer the following questions. Each carries *two* marks.

(Ceiling 25 marks)

1. What is ACID in a transaction processing system (TPS)?
2. What is Delphi method?
3. Analyse the terms 'Queries' and 'Sub-queries'.
4. What is 'data inconsistency'?
5. Who is a database administrator?
6. Comment on slam dunk.
7. What is a business process?
8. Give an account on Executive Information System.
9. Define Management information system.
10. Explain the term Reengineer.
11. Mention any two differences between Data and Information.
12. Give two examples of ERP software.
13. List out the features of GDSS.
14. Briefly explain the term Brainstorming.
15. How does information act as a competitive weapon?

SECTION B: Answer the following questions. Each carries *five* marks.

(Ceiling 35 marks)

16. Describe the different characteristics of information and its relevance to decision-making.
17. What are the four main parts of an Expert system? Explain.
18. What are the five levels/hierarchy of a 'Database structure'? Explain with a diagram.
19. "Relational databases represent data as two-dimensional tables". – Explain this statement.
20. Explain the applications of "Artificial Intelligence" in the modern era.

(PTO)

21. Enumerate the various phases of ERP Implementation.
22. Explain in detail the various problems identified in BPR.
23. What is business process management? What role does it play in allowing a company to differentiate itself?

SECTION C: Answer any *two* questions. Each carries *ten* marks.

24. Web ticket lets customers purchase tickets for significant theatre and sporting events over the Internet. When customers visit the company's website, they can choose an event, view the seating arrangements, see what seats are available, choose their seats, and purchase tickets. For the business to run successfully, the seating details supplied to customers at any time in any location must be correct and up to date. There is no margin for error or system failure.
 - (a). Describe and analyse the ticketing system in terms of the information process of:
 - (i) collecting.
 - (ii) storage and retrieval and
 - (iii) processing (emphasize the process of storage and retrieval).
 - (b). What is batch processing? Briefly describe a situation in which batch processing is appropriately used.
25. Discuss the different types of database management systems and describe how they solve the problems of a traditional file environment.
26. Why are information systems essential in business today? Describe the trends in the global business environment that have made information system so important.
27. What is Enterprise Resource Planning (ERP)? Explain the need for and significance of ERP in business.

(2 × 10 = 20 Marks)