

# END TERM EXAMINATION

FIFTH SEMESTER [BBA] JANUARY 2024

Paper Code: BBA-305

Subject: Information System Management

Time: 3 Hours

Maximum Marks: 75

Note: Attempt five questions in all including Q.No.1 which is compulsory.

- Q1 Short notes on **any five**: (5x3=15)
- i) Data Models
  - ii) Difference b/w Open System and closed System
  - iii) Explain Executive information System.
  - iv) What is role of MIS in Business organization.
  - v) Difference b/w File system and DBMS.
  - vi) Explain Entities, attributes and relationships.
  - vii) In Project with higher risk which development model is better and why.
- Q2 a) Draw structure of DBMS and explain. (8)  
b) Differentiate among data, information and knowledge. What is the Decision Support System (DSS)? (7)
- Q3 Differentiate between
- a) File processing system and DBMS (5)
  - b) Deterministic system and probabilistic system (5)
  - c) Centralized processing and Distributed processing (5)
- Q4 a) Describe the phases of information system development life cycle. Why are the activities carried out in system implementation? (10)  
b) Compare waterfall model with spiral model and discuss the advantages and disadvantages. (5)
- Q5 a) What are the components and characteristics of management information system? (7.5)  
b) What types of decisions are taken by top level, middle level and low level of management? Give suitable examples. (7.5)
- Q6 Explain in detail DDL and DML? Explain with their syntax. (15)
- Q7 a) What is an entity and relationship in E-R model? Why is E-R model required? Draw an ER diagram for hospital management system. (10)  
b) Explain Centralized and Distributed Processing with example (5)
- Q8 Write **short notes** on the following: (3x5=15)
- a) Transaction Processing System
  - b) Use of multimedia in MIS
  - c) Expert System

\*\*\*\*\*

P