

# END TERM EXAMINATION

FIFTH SEMESTER [BBA] DECEMBER 2024

Paper Code: BBA305

Subject: Information Systems Management

Time: 03:00 Hours

Maximum Marks:75

Note: Attempt all questions as directed. Internal choice is indicated.

- Q1 Answer **any Five** of the following questions: **(5x5=25)**
- Discuss the purpose and importance of Information Systems Management (ISM) in modern business organizations.
  - What is the relevance of information in decision-making? What characteristics make information valuable for effective decision-making processes?
  - Discuss Data Definition Language (DDL) and Data Manipulation Language (DML). What types of commands are included in DDL and DML?
  - What are aggregate functions in SQL? Discuss their significance in data analysis and reporting.
  - Describe the importance of system analysis in the system development process. What techniques are commonly used during system analysis?
  - Explain the quantitative aspects of Cost Benefit Analysis. How are costs and benefits measured?
  - What is end-user development? What challenges does it present to organizations?
  - What is Transaction Processing System (TPS). Discuss its key features and its role in an organization's daily operations.

- Q2 Analyze the objectives of Information Systems Management (ISM) and their alignment with business goals. Discuss the prerequisites for effective ISM and the challenges that organizations face in meeting these prerequisites, and how can they be overcome? **(12.5)**

**OR**

- Q3
- What are the different sources of information available for decision-making? Evaluate the pros and cons of these sources in terms of reliability and relevance. **(6.5)**
  - Describe the components of ISM and their respective roles in supporting business operations. How can organizations optimize these components for better performance? **(6)**
- Q4
- Discuss the Entity-Relationship model and its significance in database design. How do ER diagrams assist in visualizing and structuring data requirements? **(6.5)**
  - Discuss the significance of integrity constraints in relational databases. How do they help maintain data accuracy and reliability? **(6)**

**OR**

- Q5 Discuss the significance of normalization process in database design. Explain the different normal forms with suitable examples, and how does each address data redundancy and integrity issues? **(12.5)**

**P.T.O.**

- Q6 a) Compare and contrast the Waterfall and Spiral models of system development. What are the strengths and weaknesses of each approach? **(6.5)**  
b) Discuss the concept of prototyping in system development. What are its advantages and disadvantages compared to traditional System Development Life Cycle (SDLC) approaches? **(6)**

**OR**

- Q7 What are the characteristics that differentiate one type of system from another? Discuss the different types of systems: open, closed, deterministic, and probabilistic. How do these classifications affect the design and functionality of a system? **(12.5)**

- Q8 Discuss the importance, advantages and challenges of using Knowledge Management Systems in modern organizations. How does it support knowledge sharing, innovation, and organizational learning? **(12.5)**

**OR**

- Q9 a) What is a Decision Support System? Discuss its key characteristics and how it aids managerial decision-making. **(6.5)**  
b) Explain the role of Expert Systems in business decision-making. Discuss one example of how Expert Systems are used in the healthcare sector. <https://www.ggsipuonline.com> **(6)**

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# END TERM EXAMINATION

FIFTH SEMESTER [BBA] NOVEMBER-DECEMBER 2016

Paper Code: BBA-307

Subject: Management Information System

BBA(TTM)-307

BBA(B&I)-307

BBA(CAM)-307

BBA(MOM)-307

Time : 3 Hours

Maximum Marks :75

Note: Attempt any five questions.

- Q1. What is Data? How is it different from that of information? With the help of suitable example, prove that "every information is a processed data but the reverse is not true". (15)
- Q2. Based on decision making levels in the organization, what is the classification of Information System? Briefly explain the functions and characteristics of Transaction Processing System (TPS). (15)
- Q3. What is Management Information System (MIS)? Briefly explain the application of MIS into following functional areas:- (15)
- a) Marketing
  - b) Finance
  - c) Human Resource
- Q4. What do you mean by System Development Life Cycle? Explain all the phases briefly. Which phase, you feel, is most creative and why? (15)
- Q5. a) A DSS is used to achieve effectiveness while as MIS is used to achieve the efficiency. Comment with suitable example. (7.5)
- b) Discuss the applications of an Expert system. (7.5)
- Q6. How does Information System help in Strategic Planning? Explain with suitable example. (15)
- Q7. a) What is a database? What are the advantages of using database approach over traditional file approach for storage and retrieval of data? Explain with example. (7.5)
- b) Explain the characteristics of Executive Information System. (7.5)
- Q8. In context of Information System, what are the strategic uses of Information Technology (IT)? Explain with suitable example. (15)
- Q9. Write short notes on any three of the following: (5x3=15)
- a) Use of multimedia in MIS
  - b) Data Warehousing and Data mining
  - c) Distributed Processing
  - d) Cost Benefit Analysis

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# END TERM EXAMINATION

FIFTH SEMESTER [BBA] DECEMBER 2017

<b>Paper Code: BBA 307</b> <b>BBA(TTM)-307</b> <b>BBA(B&amp;I)-307</b> <b>BBA(MOM)-307</b> <b>BBA(CAM)-307</b>	<b>Subject: Management Information System</b>
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Time : 3 Hours

Maximum Marks :75

**Note: Attempt any five questions including Q. No. 1 which is compulsory.**

- Q1. Write short notes of the following: (5x5=25)
- a) Cost/Benefit Analysis
  - b) Data Warehousing and Data Mining
  - c) Centralized Vs. Distributed Processing
  - d) Transaction Processing System
  - e) How various human resources are managed?
- Q2. a) "MIS helps in developing product right while as DSS helps in developing right product". (6)  
b) Briefly differentiate Executive Information System from that of Expert System. (6.5)
- Q3. a) What do you mean by Open and Closed Systems? Explain with suitable examples. (6)  
b) What are the advantages of integrating the Information System with the organization system? Explain with suitable example. (6.5)
- Q4. Explain the applications of MIS into following functional areas:-
- a) Marketing (6)
  - b) Finance (6.5)
- Q5. What is System Development Life Cycle? What are its different phases? Explain them briefly. (12.5)
- Q6. How Information needs of an organization is assessed? While doing it, how important is consider qualitative and quantitative aspects? Explain with suitable example. (12.5)
- Q7. What is Multimedia? What are the limitations of Traditional Databases? How DBMS overcome them? Briefly discuss. (12.5)
- Q8. a) What is Multimedia? How does it help in Information Processing? Explain with suitable example. (6)  
b) What are the strategic uses of Information Technology (IT) for Information Systems? Explain with suitable example. (6.5)

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# END TERM EXAMINATION

FIFTH SEMESTER [BBA] DEC.2014 - JAN.2015

**Paper Code: BBA-307**

**Subject: Management Information System**

**BBA(TTM)-307**

**BBA(MOM)-307**

**BBA(CAM)-307**

**Time: 3 Hours**

**Maximum Marks: 75**

**Note: Attempt any five questions.**

- Q1 (a) Define the role of MIS in Business organization. (8)  
(b) Discuss the applications and recent developments of MIS. (7)
- Q2 (a) Discuss the various types of System in detail. Also provide the example. (8)  
(b) Define System development Life Cycle. Explain all the phases. (7)
- Q3 (a) What do you know about 'Data' and 'Information'? Explain the relevance of 'information' in Decision making. (8)  
(b) Discuss about types of decisions taken by each level of management. (7)
- Q4 (a) Distinguish between Database and Data warehouse. (5)  
(b) Explain the concept of Data mining. (5)  
(c) Differentiate between Centralised processing and Distributed Processing. (5)
- Q5 (a) How does MIS affect the decision to choose proper I.T. approach. Explain in detail. (8)  
(b) Which information system is useful for middle level management? Why? (7)
- Q6 (a) Discuss the steps of Cost Benefit analysis on the basis of various aspects. (8)  
(b) List atleast 'To' MIS application used in Business or Corporation world. (7)
- Q7 (a) What do you know about 'Expert Systems'. Explain in detail. (8)  
(b) Explain about Transaction Processing System. (7)
- Q8 Write short notes on any three of the following:- (5x3=15)  
(a) MIS multimedia  
(b) MIS Growth and Development  
(c) Executive Information System  
(d) Intigration of Organisation System and Information systems.

# END TERM EXAMINATION

FIFTH SEMESTER [BBA] DECEMBER 2015-JANUARY-2016

Paper Code: BBA 307

Subject: Management Information System

Time : 3 Hours

Maximum Marks :75

**Note: Attempt any five questions.**

- Q1. a) What are the components of information systems? Explain the each component. (7)  
b) What do you mean by MIS architecture? Discuss different subsystems of management information system. (8)
- Q2. a) Why an organization needs MIS and how decision characteristics are linked to different levels of Management? (8)  
b) Explain the characteristics of an MIS and DSS. (7)
- Q3. a) Briefly discuss system approach and MIS as a system. Also discuss its nature and scope in business organizations. (7)  
b) "System implementation has different meaning, ranging from the conversion of a basic application to a complete replacement of the existing system". Justify this statement and explain all the steps required in system conversion. (8)
- Q4. a) How do project/software development life cycle stages differ in waterfall and spiral methodologies? (7)  
b) Justify the statement with example "there is no right and wrong decision for an organization, it should be rational decision" based on different types of rationality in decision -making. (8)
- Q5. a) Comment on the quality of information. Discuss various characteristics of information. (5)  
b) What is the need of data warehouse in an organization when different databases are available? Explain data warehouse architecture with the help of diagram and its relevance in MIS. (10)
- Q6. a) Briefly explain the concepts; Database, Data Marts and Data Mining, with suitable example. (10)  
b) Explain Centralized and Distributed Processing with example. (5)
- Q7. a) "Cost-benefit analysis is important for information system planning"- Justify. What are the qualitative and quantitative aspects of cost and benefit analysis? (10)  
b) How can ERP, SCM and CRM are useful in process integration? Explain with suitable example. (5)
- Q8. Write short notes on **any three** of the following: (3x5=15)  
a) Transaction Processing System  
b) Decision Support System  
c) Use of multimedia in MIS  
d) Expert System

# END TERM EXAMINATION

FIFTH SEMESTER [BBA] NOVEMBER- DECEMBER 2018

**Paper Code: BBA (GEN)-307      Subject: Management Information System**  
**BBA (TTM)-307**  
**BBA (B&I)-307**  
**BBA (CAM)-307**  
**BBA (MOM)-307**

**Time : 3 Hours**

**Maximum Marks :75**

**Note: Attempt any five questions.**

- Q1 (a) 'Managers are looking for information and not data'. Justify the statement with examples. (5)  
(b) Discuss the characteristic of MIS. (6)  
(c) 'MIS and TPS are interrelated and work in coordination'. Elucidate. (4)
- Q2 (a) What are the components and characteristics of decision support system? (10)  
(b) Describe the type of reports generated by MIS. (5)
- Q3 (a) Explain the need for functional information systems. (5)  
(b) How is system analysis phase different from system requirement phase? (6)  
(c) Discuss the characteristics of deterministic system. (4)
- Q4 (a) List the activities of system design phase. (7)  
(b) Differentiate between (8)  
(i) Quantitative and Qualitative information  
(ii) Information and knowledge
- Q5 (a) How is assessment of information need carried out in the organizations? (8)  
(b) Explain the importance of system integration in the organization. (7)
- Q6 (a) Describe the components of information system. (7)  
(b) Discuss the recent developments in the field of information technology. (8)
- Q7 (a) 'Data warehouse is established for strategic decisions'. Justify the statement. (7)  
(b) Can data mining be done without data warehouse? Discuss the applications of data mining in business. (8)
- Q8 Write note on any three of the following: (15)  
(a) Components of expert system  
(b) Executive information system  
(c) System implementation  
(d) Centralized and Distributed processing

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