Reg. No. : | | | | | | | | | | | | |

Question Paper Code : BS2012

M.B.A. DEGREE EXAMINATION, AUGUST/SEPTEMBER 2017.

Second Semester

DBA 1655 — MANAGEMENT INFORMATION SYSTEM

(Regulations 2007/2009)

Time : Three hours Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. Define MIS.
2. Explain information system architecture.
3. What is SDLC?
4. Structured programs are needed for modern MIS – Give your Idea.
5. Elaborate – DSS.
6. What are the functions of Marketing Department?
7. What is coding?
8. What do you mean by cost benefit analysis?
9. How would you assess software quality?
10. What are the differences between verification and validation?

PART B — (5 × 16 = 80 marks)

11. (a) Write about the evolution of Information System.

Or

(b) Establish the framework of Information Systems.

12. (a) Write an essay about structured methodologies.

Or

(b) Explain the stages that involved in developing computerized system.

13. (a) Briefly explain the functional areas of information system with suitable diagram.

Or

(b) Define the terms DSS, EIS, MIS, ES and explain the terminologies.

14. (a) What is mean by cost benefit analysis and explain how it helps in organization?

Or

(b) Explain the coding techniques in detail.

15. (a) Describe software life cycle models with examples.

Or

(b) How the software engineering qualities can be assured in real life?

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Reg. No. : | | | | | | | | | | | | |

Question Paper Code : S1012

M.B.A. DEGREE EXAMINATION, FEBRUARY/MARCH 2016.

Second Semester

DBA 1655 — MANAGEMENT INFORMATION SYSTEM

(Regulations 2007/2009)

Time : Three hours Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. Give the important characteristics of open system.
2. State the three levels of information related to Managerial levels.
3. Write a note on prototyping.
4. Define unstructured non programmable decision.
5. Give the phases in decision making process.
6. Distinguish Decoupling and Decomposition.
7. Define Encryption.
8. Write a note on Audit Trial.
9. Give any Five Models of Software Engineering.
10. Write a note on system Validation.

PART B — (5 × 16 = 80 marks)

Give essay type answer.

11. (a) (i) Explain how MIS as an evolving concept. (8)

(ii) Discuss about organizational function subsystems. (8)

Or

(b) (i) Elaborate MIS as seen by user. (8)

(ii) Explain about the operational elements of an information system. (8)

12. (a) (i) Explain the various stages in the system development life cycle. (8)

(ii) Discuss about information systems for operational control. (8)

Or

(b) (i) Give the conceptual structure of a management information system. (8)

(ii) Discuss about various design methodologies. (8)

13. (a) (i) How will you relate MIS and decision support system. (8)

(ii) Explain the concept knowledge of outcomes. (8)

Or

(b) (i) Explain MIS structure based on function of an organization. (8)

(ii) How does an organization manage international information system? (8)

14. (a) (i) Explain the various phases of reducing maintenance costs. (8)

(ii) Discuss about the performance criteria for system testing. (8)

Or

(b) (i) Examine the distinct dimensions of error control. (8)

(ii) How will you assess the value and risk of an information system? (8)

15. (a) (i) Explain McCall's Triangle of software qualities. (8)

(ii) Explain the seven stages of software system methodology. (8)

Or

(b) (i) Bring out the various criteria for software selection. (8)

(ii) Explain product, project and process characteristics of software quality matrices. (8)

Reg. No. : | | | | | | | | | | | | |

Question Paper Code : 80012

M.B.A. DEGREE EXAMINATION, AUGUST 2015.

Second Semester

DBA 1655 — MANAGEMENT INFORMATION SYSTEM

(Regulations 2007/2009)

Time : Three hours Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. What is information?

2. Why IS is needed for any organisation?

3. What are computer peripherals?

4. Define procedures control?

5. What is expert system?

6. Identify the different functions of production?

7. Define risk in IS?

8. What is validation?

9. What is system methodology?

10. Explain software specification.

PART B — (5 × 16 = 80 marks)

11. (a) Explain the features of IS architecture.

Or

(b) Identify and discuss the main parts of an IS.

12. (a) Discuss the characteristics of SDLC.

Or

(b) How is structural methodology implemented?

13. (a) Explain the features of knowledge representation.

Or

(b) How are international information systems designed?

14. (a) Discuss the main features of security testing of software.

Or

(b) How is cost-benefit analysis conducted for IS?

15. (a) What are the important qualities of software engineering?

Or

(b) Explain the features of software life cycle models.

Reg. No. : | | | | | | | | | | | | |

Question Paper Code : 22014

M.B.A. DEGREE EXAMINATION, FEBRUARY/MARCH 2015.

Second Semester

DBA 1655 — MANAGEMENT INFORMATION SYSTEM

(Regulations 2007/2009)

Time : Three hours Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. What is data?

2. Define a system.

3. Identify the main components of an Information System.

4. What are structured programs?

5. Define the term marketing.

6. What is a DSS?

7. Define validation.

8. What is meant by detection of error?

9. What are software metrics?

10. Define quality assurance.

PART B — (5 × 16 = 80 marks)

11. (a) Discuss the characteristics and applications of a business model.

Or

(b) Explain the evolution of an Information Systems.

12. (a) How is Human Resource Information System (HRIS) conceptualised and designed for an organisation?

Or

(b) What are the features and application of Executive Information System (EIS)?

13. (a) How is cost benefit analysis done for implementing a new information system?

Or

(b) What methods are adopted to assess the value and risk of information system?

14. (a) What are the characteristics of System Development Life Cycle (SDLC)?

Or

(b) Explain the features of modern information system.

15. (a) Discuss the features and applications of software life cycle models.

Or

(b) How is software quality assurance ensured while designing a Information System (IS)?

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Reg. No. : | | | | | | | | | | | | |

Question Paper Code : 46012

M.B.A. DEGREE EXAMINATION, AUGUST 2014.

Second Semester

DBA 1655 — MANAGEMENT INFORMATION SYSTEM

(Regulations 2007/2009)

Time : Three hours Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. What are the functions of dynamic system?
2. Define enterprise collaboration system.
3. What are the applications of modern information system?
4. Define RAD model.
5. What are the components of e-business application architecture?
6. What is cross-functional enterprise systems?
7. Define organizational metrics.
8. What are the types of estimation followed in software requirement phase?
9. Define Beta Testing.
10. What are the advantages of using cost benefit analysis?

PART B — (5 × 16 = 80 marks)

11. (a) (i) Highlight the importance of trends in information system. (8)

(ii) Briefly explain the components of an information system. (8)

Or

(b) (i) Describe the business model with suitable example in information system. (12)

(ii) Classify the information system in detail. (4)

12. (a) Define systems thinking. How will you identify and evaluate the components of a sales system? Draw and explain the flow chart of application development using prototype. (16)

Or

(b) Draw a neat flow chart of the traditional information systems development cycle and also explain the various phases used in the SDLC with suitable illustrations. (16)

13. (a) Explain the HR information systems in terms of strategic, tactical and operational use of the HR of an organization with suitable example. (16)

Or

(b) Draw a neat flow chart for an important accounting information system for transaction processing and financial reporting and also explain the process flow of these transaction indicating the real example. (16)

14. (a) (i) You are running a computer assisted medical transcription center in a remote place servicing the requirements of the medical practitioners in the U.S. Suggest the possible end result metrics and in – process metrics. (8)

(ii) Suggest the relevant end result metrics and in – process metrics for an organisation carrying out the maintenance of computer equipment software. (4)

(iii) Differentiate software quality assurance Vs software quality control. (4)

Or

(b) Describe the linear sequential model, spiral model and the concurrent models used in software life cycle in detail. (16)

15. (a) Define testing security. Briefly explain the coding techniques used in IS. How will you assess the value and risk of IS? Highlight the importance of detection of error? (16)

Or

(b) Write short notes on

(i) Structure Methodologies

(ii) Managing International IS

(iii) Software Production and Service

(iv) Verification and Validation. (4 + 4 + 4 + 4)

Reg. No. : | | | | | | | | | | | | |

Question Paper Code : 96012

M.B.A. DEGREE EXAMINATION, FEBRUARY/MARCH 2014.

Second Semester

DBA 1655 – MANAGEMENT INFORMATION SYSTEM

(Regulations 2007/2009)

Time : Three hours Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. What is a digital firm?
2. State the principal purpose of transaction processing systems.
3. What is business process redesign?
4. State the need for modeling a data flow diagram.
5. What is uncertainty?
6. Define an expert system.
7. What is Information Security?
8. What is software piracy?
9. Distinguish between verification and validation.
10. What is rapid application development?

PART B — (5 × 16 = 80 marks)

11. (a) (i) Explain with examples how information systems are transforming business. (8)

(ii) Which features of organizations do managers need to know about to build and use information systems successfully? What is the impact of information systems on organizations? Discuss. (8)

Or

(b) (i) Explain with diagrammatic illustration information system architecture. (8)

(ii) What are the stages and technology drivers of information systems evolution? (8)

12. (a) (i) What are the core activities in the systems development process? Discuss. (8)

(ii) What is prototyping? List and explain the steps in prototyping. (8)

Or

(b) What are the principal methodologies for modeling and designing systems? Explain with examples. (16)

13. (a) (i) Explain how financial MIS provides financial information to all financial managers within an organization. (8)

(ii) Explain how decision making is done under certainty, uncertainty and risk. (8)

Or

(b) (i) What is a decision support system? Explain with diagrammatic illustration the components of a decision support system. (8)

(ii) Explain how decision support system aids managers in decision making. (8)

14. (a) (i) Explain the relationships and differences between hackers and viruses. (6)

(ii) Explain the relationship between information security policies and an information security plan. (6)

(iii) What is cost benefit analysis? Explain. (4)

Or

(b) What is risk? Explain the process of assessing the value and risk of information systems. (16)

15. (a) Prepare a Software Requirements Specification document for a Library Management System. State the functional requirements you are considering. (16)

Or

(b) (i) What are software metrics? Explain the same with examples. (8)

(ii) What are quality assurance audits? List and explain the activities that are carried out during quality assurance audits. (8)

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Question Paper Code : 86012

M.B.A. DEGREE EXAMINATION, AUGUST 2013.

Second Semester

DBA 1655 – MANAGEMENT INFORMATION SYSTEM

(Regulation 2007/2009)

Time : Three hours Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. State how information technology improves business process.
2. Define a database management system.
3. List the two principal methodologies for modeling and designing systems.
4. What is system testing?
5. Define a decision support system.
6. What is knowledge representation?
7. Distinguish between verification and validation.
8. What is cost benefit analysis?
9. Define software quality.
10. List the activities to be carried out during the maintenance phase.

PART B — (5 × 16 = 80 marks)

11. (a) (i) What is an information system? How does it work? What are its management, organization, and technology components? Discuss.(10)

(ii) Why are information systems so essential for running and managing a business today? Discuss with an example. (6)

Or

(b) (i) Explain the strategic business objectives of information systems. (8)

(ii) Explain with diagrammatic illustration the interdependence between organizations and information systems. (8)

12. (a) Explain with diagrammatic illustration the phases in the system development life cycle. (16)

Or

(b) (i) What is prototyping? List and explain the steps in prototyping. (8)

(ii) What is rapid application development? Discuss with an example. (8)

13. (a) What is an expert system? Explain with diagrammatic illustration the subsystems in an expert system. (16)

Or

(b) (i) What is decision making? Discuss the various stages of decision-making? (8)

(ii) Explain how decision making can be done under uncertainty. (8)

14. (a) Explain with examples coding techniques. (16)

Or

(b) What is risk? Explain the process of assessing the value and risk of information systems. (16)

15. (a) (i) What are software metrics? Explain the same with examples. (8)

(ii) Explain the steps in software quality assurance. (8)

Or

(b) Perform a comparative study between the software life cycle models. (16)

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Question Paper Code : 86012

M.B.A. DEGREE EXAMINATION, FEBRUARY/MARCH 2013.

Second Semester

DBA 1655 – MANAGEMENT INFORMATION SYSTEM

(Regulation 2007/2009)

Time : Three hours Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. What is knowledge?

2. Define information system.

3. Why controls are necessary?

4. What are structured programs?

5. Define an expert system.

6. What are the function of financial management?

7. How is security of IS tested?

8. What is validation?

9. Define the term software metrics.

10. List the qualities of software engineering.

PART B — (5 × 16 = 80 marks)

11. (a) (i) Explain the evolution of information system.

(ii) What are the characteristics of a good information system?

Or

(b) (i) Discuss the features of information system architecture.

(ii) How does an information system transform organisation?

12. (a) (i) What are the important steps involved in structured development methodologies?

(ii) Draw the data flow diagram (DFD) for mail - in university registration system.

Or

(b) (i) What are CASE tools?

(ii) How do CASE increase productivity?

13. (a) (i) Differentiate between MIS and DSS.

(ii) What are components of a DSS?

Or

(b) (i) How is DSS used for Customer Relationship Management (CRM)?

(ii) What are the challenges involved in managing international information systems?

14. (a) (i) What are the threats to computerised information systems?

(ii) Discuss a few examples of computer viruses.

Or

(b) (i) How are general controls different from application controls?

(ii) Why is cost benefit analysis necessary for IS security control?

15. (a) (i) Discuss the features of software life cycle models.

(ii) What is the procedure adopted for validation of models?

Or

(b) (i) How are software specification defined?

(ii) What is role of human in information processing?

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Question Paper Code : 75512

M.B.A. DEGREE EXAMINATION, AUGUST 2012.

Second Semester

DBA 1655 — MANAGEMENT INFORMATION SYSTEM

(Regulation 2007/Regulation 2009)

Time : Three hours Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. Explain how MIS as an evolving concept.

2. Define information and Management Information System.

3. Give the various aspects covered by the physical design.

4. Write a note on structured design.

5. Briefly describe about Decision Support System.

6. State the components of functional sub systems of an organizations.

7. Give the software support facilities for knowledge work.

8. Define validation.

9. Write about various criteria for software evaluation.

10. Write a short note on Negative feed back control.

PART B — (5 × 16 = 80 marks)

11. (a) Explain how MIS as seen by the user.

Or

(b) Discuss about MIS support management activity.

12. (a) Discuss the various stages in the system Development Cycle.

Or

(b) Examine the salient features of various design methodologies.

13. (a) Explain the design of DSS. Compare its feature with expert system.

Or

(b) Discuss MIS structure based on organisational function.

14. (a) Explain the Vulnerabilities of information systems. Discuss the security measures to safe guard the system.

Or

(b) Explain the need for coding. Discuss the algorithm of detection of error.

15. (a) Narrate the life cycle approach to application system development.

Or

(b) Explain the various aspects of post audit evaluation of information system applications.

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Question Paper Code : 85512

M.B.A. DEGREE EXAMINATION, FEBRUARY 2012.

Second Semester

DBA 1655 — MANAGEMENT INFORMATION SYSTEM

(Regulation 2007/2009)

Time : Three hours Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. Name the three reports that tactical system usually generate.
2. Name alteast three important characteristics of operational systems.
3. Name four approaches to introducing a new system into its operational environment while replacing existing.
4. Mention the different feasibility studies.
5. Define organization memory and knowledge map.
6. Define transaction and master file.
7. Define control in a control environment.
8. Define risk management.
9. Define the primary tools of structured analysis.
10. Name three basic constructs used to write proponents of structured programming.

PART B — (5 × 16 = 80 marks)

11. (a) (i) Delico foods, a company manufactures, markets ad distribute food products. Illustrate by activities pyramid, applications designed for decision making and explain. (8)

(ii) Compare difference between operational, tactical and strategic planning systems. (8)

Or

(b) (i) How does data vary form information? (2)

(ii) Draw information system framework and give characteristics of operational, tactical and strategic systems. (10)

(iii) Explain managerial functions briefly. (4)

12. (a) (i) Name five different IS development methodologies. (2)

(ii) Draw and explain components of a system. (4)

(iii) Write short notes on prototyping with diagram. (10)

Or

(b) (i) Write about SDLC. Explain activities in SDLC state limitations and apply SDLC to car buying decision. (8)

(ii) Give comparison by stating advantages and disadvantages of different IS methodologies. (8)

13. (a) (i) Compare the characteristics of various IS. (8)

(ii) Illustrate now different IS work together. (4)

(iii) Illustrate features commonly found in EIS. (4)

Or

(b) (i) Write similarities between DSS and ISS. (6)

(ii) TPS is lifeline of a company. Explain. (4)

(iii) Illustrate types of IS for different levels and five major functions areas in a organisation. (6)

14. (a) (i) Give six reasons for computer system security breach. (4)

(ii) Explain most common security breaches. (10)

(iii) Write formula for calculating security disaster damage. (2)

Or

(b) (i) Illustrate points in processing cycle where error occurs. (8)

(ii) Draw diagram to show controls implemented to secure computer systems and explain. (8)

15. (a) (i) Write short notes on MIS audit. (6)

(ii) Draw data flow diagram for mail-in university student registration and explain. (10)

Or

(b) (i) Explain three basic program controls constructs used in structured programming. (8)

(ii) Draw the explain high level structured chart for a payroll system. (8)

Reg. No. : | | | | | | | | | | |

Question Paper Code : 95512

M.B.A. DEGREE EXAMINATION, AUGUST 2011.

Second Semester

DBA 1655 — MANAGEMENT INFORMATION SYSTEM

(Regulation 2007/2009)

Time : Three hours Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. Give three levels of information related to managerial levels.

2. What are the various trends in the evolution of the MIS concept?

3. State the principles which dictate how are system built from sub system.

4. What are the aspects covered by the physical design?

5. Give the steps of structured programmable decision.

6. Give various ways of planning for an information system.

7. Give any four software tools for development support of an information system.

8. What are the steps involved in risk assessment methodology of an information system?

9. List out the procedure for software selection.

10. What are the three phases of reducing maintenance costs of software?

PART B — (5 × 16 = 80 marks)

11. (a) Examine management information structure based on organisation functions.

Or

(b) Elaborately discuss about operating elements of an information system.

12. (a) Explain the various stages in the system development cycle.

Or

(b) Describe about the major development activities that are carried out during structured design.

13. (a) Discuss about various design methodologies required for an organisational system.

Or

(b) Examine the information systems for management control.

14. (a) Explain about the various potential threats of system security and also give their usual defences.

Or

(b) Elaborately discuss about the control measures to overcome system security risks.

15. (a) How can information systems support the various international business strategies? Give its architecture, problems and challenges.

Or

(b) Explain the various phases of software life cycle model. Give various commonly used life cycle models.

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Question Paper Code : 85512

M.B.A. DEGREE EXAMINATION, FEBRUARY 2011.

Second Semester

DBA 1655 — MANAGEMENT INFORMATION SYSTEM

(Regulation 2007/2009)

Time : Three hours Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. Define an 'information system'.

2. List any four business models.

3. What are the roles played by 'World Wide Web' in modem information systems?

4. What are structured methodologies?

5. Indicate any two examples of marketing information system. Mention the organizational levels in which they are applied.

6. Compare DSS and ESS.

7. What is meant by information system security?

8. State any two risks of the information systems?

9. What are software metrics? Indicate an example?

10. Differentiate 'verification' and 'validation' in information system development.

PART B — (5 × 16 = 80 marks)

11. (a) (i) With the aid of a block diagram, discuss the technical and behavioral approaches of information systems. (8)

(ii) Trace the widening scope of information systems. (8)

Or

(b) (i) With the aid of a block diagram, describe the framework of an information system. (8)

(ii) Describe the information system architecture from the business perspective. (8)

12. (a) (i) Describe the stages of system development life cycle. (8)

(ii) With the aid of an example, explain the application of data flow diagram in the development of information systems. (8)

Or

(b) (i) What is meant by CASE? How is it applied while designing computer based information systems? (8)

(ii) Describe the control constructs of software programs. (8)

13. (a) (i) With the aid of a block diagram, describe the construction of DSS. (8)

(ii) How are ESS developed? What are their primary benefits? (8)

Or

(b) (i) Describe the significance and characteristics of international information systems. (8)

(ii) Enumerate the problems encountered in the network. (8)

14. (a) (i) Describe the coding techniques followed while developing information systems. (8)

(ii) What are 'errors' of information systems? How are they detected? (8)

Or

(b) (i) Explain the method of conducting cost-benefit analysis of information systems. (8)

(ii) With aid of an example, describe the method of assessing the value and risk of information systems. (8)

15. (a) (i) What are the quality parameters considered while developing software for information systems? (8)

(ii) What are the factors considered while designing and producing software for information systems? (8)

Or

(b) (i) Describe the activities that fall within the scope of software quality assurance. (8)

(ii) Explain the method of incorporating knowledge and human dimensions in information system. (8)

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Reg. No. : | | | | | | | | | | | |

Question Paper Code : GG 1512

M.B.A. DEGREE EXAMINATION, AUGUST 2010.

Second Semester

DBA 1655 — MANAGEMENT INFORMATION SYSTEM

(Regulation 2007/2009)

Time : Three hours Maximum : 100 marks

Answer ALL questions.

PART A — ($10 \times 2 = 20$ marks)

1. How is an information system defined?

2. What does the architecture of MIS plan provide?

3. What is a system development plan?

4. What is a structural program?

5. What is the purpose of executive information system?

6. How is an expert system developed?

7. How is MIS validated?

8. How is the risk of an information system assessed?

9. What does software quality measure?

10. What is meant by 'maintainability of a software'?

PART B — (5 × 16 = 80 marks)

11. (a) Discuss a model of MIS plan. Elaborate on the contents, its particulars and focus.

Or

(b) Discuss the evolution of information systems in detail. How did it evolve with the developments in information technology and application?

12. (a) (i) What is the model of a system development life cycle? Draw the block diagram . (4)

(ii) Discuss the phases of system development life cycle. (8)

(iii) List the tools used for system development life cycle. (4)

Or

(b) (i) Distinguish between prototyping approach and life cycle approach to the development of MIS. (8)

(ii) What are the guidelines for the system designer for successful implementation of the system? (8)

13. (a) (i) What are the input transaction documents used by the personnel department? (8)

(ii) What are the decision analysis needed in financial management that should be supported by the information system? (8)

Or

(b) (i) What are the attributes of a decision support system. (4)

(ii) What are the types of tools (models) of decision support system? Discuss three of them briefly. (12)

14. (a) Discuss the MIS implementation action plan in detail. Elaborate in the main activities of implementation like evaluation, acquisition, installation, testing etc.

Or

(b) How is error detection incorporated in MIS? Discuss the types of errors and methods of detection in detail.

15. (a) (i) What are the process qualities of a software? Explain in detail. (8)

(ii) What are the application specific qualities of a software? Discuss in detail. (8)

Or

(b) (i) Discuss the process involved in software quality assurance during various software development stages like coding, change review, release management etc. (8)

(ii) What is software life cycle model? Explain the sequence of activities in detail. (8)

Reg. No. : | | | | | | | | | | | |

Question Paper Code : YY 1512

M.B.A. DEGREE EXAMINATION, FEBRUARY 2010.

Second Semester

DBA 1655 — MANAGEMENT INFORMATION SYSTEM

(Regulation 2007)

Time : Three hours Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. What is the role of Information systems in today's competitive business environment?

2. How does business model will be helpful in decision making process?

3. Compare Traditional Information Systems Vs Modern Information Systems.

4. What are the benefits of structured programs?

5. Differentiate DSS Vs EIS.

6. Define knowledge Representation.

7. What is Acceptance Testing?

8. In what way does formal control tools helpful in business?

9. Define Product Metrics.

10. What type of verifications involved in System Audit?

PART B — (5 × 16 = 80 marks)

11. (a) Describe the various types of business model and its usefulness in the business environment. (16)

Or

(b) (i) Draw neatly and explain the various components of Information System Architecture. (10)

(ii) Discuss the significance of Evolution of Information System. (6)

12. (a) Explain the various phases of SDLC with suitable example. (16)

Or

(b) Describe the procedure for the following cases

(i) Structured Methodologies (4)

(ii) Designing structured programs (6)

(iii) Designing computer based method. (6)

13. (a) Explain in detail the functional areas of personnel management with respect to

(i) Input Transaction documents (4)

(ii) Applications (4)

(iii) Analysis and control (4)

(iv) Reports. (4)

Or

(b) Describe the functional areas of financial management with respect to

(i) Input documents (4)

(ii) Applications (4)

(iii) Analysis and control (4)

(iv) Reports. (4)

14. (a) (i) Describe the various coding Techniques available in Information System. (10)

(ii) Highlight the Importance of cost-benefit analysis? (6)

Or

(b) Explain the Assessment of value of Risk of Information System with an example. (16)

15. (a) Describe the various attributes of Software Engineering quality with an example. (16)

Or

(b) Write short notes for the following :

(i) Software quality Assurance (4)

(ii) RAD Model (4)

(iii) Knowledge and Human Dimension (4)

(iv) Verification and Validation. (4)

Reg. No. : | | | | | | | | | | | |

Z 1512

M.B.A. DEGREE EXAMINATION, FEBRUARY 2009.

Second Semester

DBA 1655 — MANAGEMENT INFORMATION SYSTEMS

(Regulation 2007)

Time : Three hours Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. Give two examples of data and show how these data can be made into information for decision making.

2. What are the advantages of having company wide data bank?

3. Define MIS.

4. What are the principal sources of information?

5. Distinguish between a "System Analyst" and a "Programmer".

6. Differentiate EIS and ES.

7. What is coding?

8. List four special reasons for systems *planning*.

9. Identify at least two activities of system maintenance.

10. Give one example each how Internet and Intranet helps in Decision support systems.

PART B — (5 × 16 = 80 marks)

11. (a) Describe the Architecture of Management Information System. (16)

Or

(b) In a large organization such as an oil refinery, draw an MIS organizational structure showing clearly the various functional managers and their support staff. Explain the functions of each of the executives to meet the requirement. (16)

12. (a) (i) Describe system development life cycle with suitable example. (8)

(ii) Explain at least two of the common software packages available for general accounting and project control. (8)

Or

(b) (i) Compare various components like input, output, storage, processor etc. for manual and computer based inventory accounting system. (8)

(ii) To what extent should the manager-user be familiar with details of systems Design as well as that of a programmer? (8)

13. (a) Explain the types of Information System based on the levels of organization. (16)

Or

(b) Give an example of e-learning system implemented in India. Identify the hardware, software and personnel requirements for proper implementation of such an education system. (16)

14. (a) (i) Explain the types of loding techniques used in implementation and control. (8)

(ii) What do you mean by testing? Explain the types of testing used to validate the IS. (8)

Or

(b) (i) Define the terms system integrity, Operating integrity, internal integrity, and procedural integrity of management information system. (8)

(ii) What are the general areas in which the operating personnel will be trained in a management information system? (8)

15. (a) List and explain acceptance tests generally deployed for hardware, software, data collection, forms, work procedures and reporting formats. (16)

Or

(b) (i) Explain the areas where periodic maintenance is applied to the MIS both for hardware and software implemented. (8)

(ii) What are the internal problems faced in maintenance of MIS systems. (8)

Reg. No. : | | | | | | | | | | | |

LL 1612

M.B.A. DEGREE EXAMINATION, AUGUST 2009.

Second Semester

DBA 1655 — MANAGEMENT INFORMATION SYSTEM

(Regulation 2007)

Time : Three hours Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. What is the purpose of creating Management Information Systems (MIS)?

2. What is a business model?

3. What are the features of modern information system?

4. What are the stages in system development life cycle?

5. What is the meaning of system performance?

6. What care has to be taken while designing an information system so that they are useful for a long period?

7. How is a MIS systems validated?

8. What are the factors considered for the cost benefit analysis of MIS?

9. What are the objectives of system audit?

10. What are the human dimensions of audit?

PART B — (5 × 16 = 80 marks)

11. (a) (i) Discuss the evolution of MIS. (8)

(ii) Distinguish between a data processing system and a MIS with examples. (8)

Or

(b) (i) How is the framework for MIS established in an organisation? Explain. (8)

(ii) Discuss the evolution of information systems. (8)

12. (a) (i) Discuss the generalised model of a system. (8)

(ii) How is the MIS model of quality assurance established? Discuss with a flow chart. (8)

Or

(b) (i) What are the qualities of good information? Describe in detail. (8)

(ii) How is information used as an organisational resource? Explain all of them. (8)

13. (a) (i) What are the attributes of a decision support system (DSS)? Discuss. (8)

(ii) What are the attributes of an EIS? (8)

Or

(b) Discuss the management of International information systems with a suitable example.

14. (a) What are the steps involved in the implementation of MIS? Discuss each step in detail.

Or

(b) How are the value and risk of information system analysed? Discuss with an example.

15. (a) Discuss the stages in Quality Assurance Tests on the system performance.

Or

(b) List the software engineering qualities. Discuss each one of them in detail.

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