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)

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