

Total No. of Questions : 12]

SEAT No. :

P3326

[4959]-49

[Total No. of Pages : 3

B.E. (Mechanical)

MANAGEMENT INFORMATION SYSTEM

(2008 Pattern) (402050 B) (Elective - IV) (Semester- II)

Time : 3 Hours]

[Max. Marks : 100

Instructions to the candidates:

- 1) *Solve Q.1 or Q. 2, Q. 3 or Q. 4, Q. 5 or Q. 6, Q. 7 or Q. 8, Q. 9 or Q. 10, Q. 11 or Q. 12.*
- 2) *Answers to the two sections should be written in separate answer books.*
- 3) *Figures to the right indicate full marks.*

SECTION - I

Q1) a) MIS creates an impact on the organizational function, performance and productivity. Explain it with suitable examples. **[8]**

b) What is the role of MIS in an organisation? How information can be a Strategic resource? **[8]**

OR

Q2) a) Explain Operation Support system and management support system in details. **[8]**

b) Explain the role of MIS in a Business Enterprise. **[8]**

Q3) a) What is KBES? Explain in details structured and non programmed decisions. **[8]**

b) Explain factors, configuration and components in DSS. **[8]**

OR

P.T.O.

- Q4)** a) What is expert system in MIS? Explain GDSS in details. [8]
b) Explain spiral SDLC model. [8]
- Q5)** a) Draw a E-R diagram for college library. Consider the following entities and their attributes. [6]
i) student
ii) book
iii) librarian
iv) book rack
b) Write a note on distributed data structure. [6]
c) Explain ESS with architecture. [6]

OR

- Q6)** a) What are the components of Data mining? Explain file model of Database. [6]
b) Explain classical, Administrative model in Decision making models. [6]
c) Explain DFD for online examination system of engineering students. [6]

SECTION - II

- Q7)** a) Write a short note on object oriented system development. [4]
b) State various Software inspection and testing methodologies and tools in details. [10]
c) What are software standards? [2]

OR

- Q8)** a) What is software matrix? Explain quality management in software standards. [4]
b) What is CMM? Explain all its five levels. [10]
c) What is software verification? [2]

- Q9)** a) Describe walkthrough and inspection techniques in software testing. [8]
b) Write a short note on [8]
i) Software reliability
ii) Software piracy

OR

- Q10)** a) Explain briefly Black box testing and white box testing. [8]
b) Write a short note on [8]
i) Hacking
ii) Software models

- Q11)** a) Explain MIS with HR and marketing management. [10]
b) Write applications of MIS in supply chain management. [8]

OR

- Q12)** Write short note on [18]
a) 360 degree feedback
b) MIS in production management
c) Applications of MIS

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