2011

MANAGEMENT INFORMATION SYSTEMS

Time Allotted : 3 Hours *Full Marks* : 70

The figures in the margin indicate full marks.

Candidates are required to give their answers in their own words

as far as practicable.

GROUP – A

(Multiple Choice Type Questions)

1. Choose the correct alternatives for the following :

10 × 1 = 10

i) GDSS stands for

a) Group DSS b) Grouping DSS

c) Good DSS d) Grouped DSS.

ii) Simon model is for

a) transaction processing b) decision making

c) database making d) all of these.

iii) The objectives of specific MIS are related to

a) business philosophy

b) organizational objective

c) management policy

d) all of these.

iv) Data Mart is

a) place where data are stored

b) a place where outputs are stored

c) a place where inputs are stored

d) a user interface.

v) Processed data are called

a) metadata b) information

c) database d) none of these.

vi) Teleconferencing is an example of

a) OAS b) TPS

c) DSS d) none of these.

vii) Human behaviour is an example of which type of

system ?

a) Open b) closed

c) Non-deterministic d) none of these.

viii) The DSS in real life implementation consists of

a) dialogue module b) database module

c) model sub-system d) all of these.

ix) A useful information must be

a) accurate b) timely

c) complete d) all of these.

x) TPS system maintains

a) Data warehouse b) Data mart

c) DBMS d) all of these.

GROUP – B

(Short Answer Type Questions)

Answer any *three* of the following. 3 × 5 = 15

2. Describe the 3-schema architecture of DBMS.

3. Describe Simon's model of decision making.

4. What is ERP ? What is outsourcing ? 2 + 3

5. What is SQL ? What are DDL and DML ? What is the syntax

for CREATE and SELECT commands ? 1 + 2 + 2

6. What is MIS ? Write down the limitations of MIS. 2 + 3

GROUP – C

(Long Answer Type Questions)

Answer any *three* of the following. 3 × 15 = 45

7. Explain sequential process of software development. What are limitations of SDLC ? What are System Designing and System Maintenance steps in SDLC ? 4 + 4 + 7

8. a) Draw an ER diagram of a college management system. 5

b) What are the advantages of DBMS ? 7

c) What is a data dictionary ? 3

9. What is RDBMS ? What is Normalization ? What is entity integrity and referential integrity ? Explain 3NF with any example. 2 + 2 + 2 + 9

10. Define DSS. Identify the characteristics and important application of DSS to different types of decision.

11. What is Networking ? Explain different Network topologies ?

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