Name : ....

Roll No. : ....

Invigilator's Signature : ....

CS/MBA(NEW)/SEM-3(PT)/MB-205/2009-10
2009
MANAGEMENT INFORMATION SYSTEM – II

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 of the following :   10 × 1 = 10

    i)   Management information systems usually

        a)   serve managers interests in weekly, monthly and yearly results, not day-to-day activities

        b)   help managers make decisions that are unique, rapidly changing and not easily specified in advance

        c)   provide managers with a generalized computing and telecommunications capacity that can be applied to a changing array of problems

        d)   perform and record the daily routine transactions necessary to the conduct of business.

    ii)   Which of the following is a characteristic of OLAP ?

        a)   Multidimensional views

        b)   Complex modelling

        c)   Time intelligence

        d)   All of these.

iii) Which of the following is/are true about a data warehouse ?

    a) It is a central source of standardized data

    b) It is a decision support tool

    c) It is used for data mining

    d) All of these.

iv) Auctions are related to which of the following E-Business models ?

    a) Subscription   b) Brokerage

    c) Advertising   d) Affiliate.

v) Tuple is a .... in a relation.

    a) row   b) column

    c) attribute   d) none of these.

vi) OLAP is related with

    a) SCM   b) Network Security

    c) Data Warehouse   d) none of these.

vii) .... management is responsible for taking tactical decision.

    a) Top level   b) Middle level

    c) Junior level   d) Both (b) an (c).

viii) An example of statistical datamining software package is

    a) IBM web sphere   b) SAS

    c) Oracle   d) XML.

ix) Herbert Simon model is related with

    a) DSS   b) TPS

    c) MIS   d) EIS.

x) Which of the following statement is true regarding MIS ?

    a) MIS are primarily meant for providing decision form the data after processing them.

    b) MIS is designed for individuals rather than for the job position.
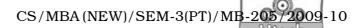
    c) MIS designed for different levels of management.

    d) None of these.

GROUP – B
(Short Answer Type Questions)
Answer any *three* of the following.　　3 × 5 = 15

2. Explain the concept of GSS (Group Support System) with an example.

3. Compare and contrast OLTP and OLAP.

4. Discuss briefly the architecture of ERP.

5. a) What are the different types of DSS models ?

   b) What do you mean by a Groupware ?

6. Discuss 3-schema architecture of DBMS.

GROUP – C
(Long Answer Type Questions)
Answer any *three* of the following.　　3 × 15 = 45

7. a) Consider the following schema :

   Supplier (sid, sname, address).

   Part (pid, pname, color).

   Catalog (sid, pid, cost).

   Give an expression in SQL statement for each of the followig queries.

   i) Find the names of suppliers who supply some red part.

   ii) Find pairs of sid's such that suppliers with the 1st sid charges more for some part than the supplier with the 2nd sid.

   iii) Find the pids of parts supplied by at least two different suppliers.

   b) What do you mean by data independence ?

   c) What is database manager ?　　　(3 × 3) + 3 + 3

8. a) Explain the concept of OLAP Hypercube ? Give differences between OLTP and data warehouse.

   b) What are the features of SAP software ? Explain the different application mudules of SAP.

9. Write short notes on any *three* of the following :   3 × 5

   a) Service Level Agreements (SLA)

   b) Microsoft dynamics

   c) E-procurement

   d) Outsourcing and its types

   e) SQL query statements.

10. a) Define data warehousing and mention different steps involved in it. How data warehouse is different from database.

    b) Define data mining with its characteristics. How does data mining work ? What are the different data mining tools ?   8 + 7

11. a) Why do you think to change from traditional supply chain to e-supply chains ?

    b) Discuss the basic E-CRM strategies of a 'customer focused business'.

    c) Discuss briefly what are meant by BPO and KPO.

        4 + 4 + 7

12. a) Define DSS.

    b) What are the three basic components of DSS ?

    c) Identify the important applications of DSS to different types of decision.   2 + 5 + 8