MANAGEMENT INFORMATION SYSTEM
(MCAP 1105)

Time Allotted : 3 hrs   **Full Marks : 70**

Figures out of the right margin indicate full marks.

*Candidates are required to answer Group A and
<u>any 5 (five)</u> from Group B to E, taking <u>at least one</u> from each group.*

Candidates are required to give answer in their own words as far as practicable.

Group – A
(Multiple Choice Type Questions)

1. Choose the correct alternative for the following: **10 × 1 = 10**

   (i)   The expert system uses a(n) _____ to select the most appropriate response
   (a) inference   (b) decision support system
   (c) knowledge base   (d) data source

   (ii)   The _____ can help you choose a product.
   (a) Office automation system   (b) MIS
   (c) TPS   (d) DSS

   (iii)   Which of the following individuals typically have less formal, advanced educational degrees and tend to process rather than create information?
   (a) Knowledge workers   (b) Executives
   (c) System analysts   (d) Data workers

   (iv)   Summary transaction data, high-volume data, and simple models are information inputs characteristic of a (n)
   (a) DSS   (b) MIS
   (c) ESS   (d) TPS

   (v)   Which of the system uses Multidimensional data analysis?
   (a) DSS   (b) MIS
   (c) ESS   (d) All of these

   (vi)   Knowledge based system supports _____
   (a) Knowledge of creation   (b) Knowledge of support
   (c) Knowledge of Dissemination   (d) All of these

   (vii)   Preparing short-term budgets is an example of a finance and accounting information system operating at the:
   (a) Operational level   (b) Management level
   (c) Knowledge level   (d) Strategic level

(viii) Which of the following individuals typically have less formal, advanced educational degrees and tend to process rather than create information?
(a) Knowledge workers   (b) Executives
(c) System analysts   (d) Data workers

(ix) Information systems that monitor the elementary activities and transactions of the organizations are:
(a) Management-level system   (b) Operation-level system
(c) Knowledge-level system   (d) Strategic level system

(x) Hierarchical model is also called _____
(a) Tree structure   (b) Plex Structure
(c) Normalize Structure   (d) Table Structure

Group – B

2. (a) What is system? What are its characteristics?

(b) Explain different types of information system.

5 + 7= 12

3. (a) What is meant by system analysis? Explain the structured flow chart.

(b) What is HIPO diagram? What are the advantages and disadvantages of HIPO diagram?

6 + 6 = 12

Group – C

4. (a) Discuss the Prerequisites of an Effective MIS?

(b) What are the steps involved in decision making?

6 + 6= 12

5. (a) In business pyramid, identify and define the roles of various IS in the bottom, middle and top levels of the organization.

(b) Explain the differences between Formal and Information systems.

6 + 6 = 12

Group – D

6. (a) What do you understand by Decision Making? Discuss the nature and characteristics of Decision?

(b) Explain the payroll system of an organization.

(4 + 4) + 4 = 12

7. (a) What is transaction? Explain briefly the role of Transaction Processing System(TPS) in business process.

   (b) What are the differences between office automation system and virtual office?

   6 + 6 = 12

Group – E

8. (a) Explain the working principles of DSS.

   (b) Write down the differences between expert system and executive support system.

   6 + 6= 12

9. Write a short note(any Three):   **(3 × 4) = 12**
   (i) Computer crime.
   (ii) Computer security.
   (iii) Knowledge Based System.
   (iv) GDSS.
   (v) Computer ethical challenges.

Department & Section	Submission Link
MCA	https://classroom.google.com/c/Mjg4NDM5MTc2MzEx/a/Mjk4MDUzNzYxMjMz/details