



INDIAN INSTITUTE OF MATERIALS MANAGEMENT
Post Graduate Diploma in Supply Chain Management & Logistics
Post Graduate Diploma in Materials Management - 2 years
PAPER No. 11

July 2019

Management Information System

Date : 24.07.2019

Max. Marks : 100

Time : 10.00 a.m to 1.00 p.m.

Duration : 3 Hrs.

Instructions:

1. From Part A – answer all questions (compulsory). Each sub questions carries 1 mark.
2. From Part B – Answer any 3 questions out of 5 questions. Each question carries 20 marks.
3. Part C - Case study - Compulsory

Total: 20 Marks
Total : 60 Marks
Total 20 marks

PART – A (compulsory)

(20 x1 = 20 marks)

Q.1 Fill in the blanks:

(5 marks)

1. _____ is organized into Charts, summarizes, average in order to best equip the mangers to take valuable decisions.
2. A ----- is a hypertext document Hypertext document that contains information that I accessed on WWW using web browser.
3. _____ is a name for all computers that are a part of a network.
4. _____ model is one of the most simple and initial models for software development.
5. _____ science is used for the integration of biological and psychological approaches with Artificial Intelligence.

Q.2 Write Full form of the following

(5 marks)

- a. DSS
- b. SCM
- c. BPR
- d. BCP
- e. ERP

Q.3 Say true or false:

(5 marks)

1. MIS Ensures the efficiency of planning in an organization.
2. The OSI model is a six- layered system.
3. Data retrieval from data warehouse is slow, but inserting data is faster in comparison.
4. The process of re- engineering is one of the company's major instruments to achieve improved performance.
5. Protection of knowledge is the prevention of misuse of data available in an organization.

Q.4 Choose the correct option:

(5 marks)

1. Nonprofit organization represents by which domain name for the websites-
a) .net b) .com c) .org d) .in

2. This layer handles host-to-host communication-
a) Link Layer b) Transport Layer c) Internet Layer d) Application Layer

3. Which of the following types of decisions are not taken in an organization?
a) Strategic b) tactical c) observational d) Operational

4. The Decisions made by the strategic levels of management are:-
a) Structured b) Unstructured c) Semi- Structured d) None of these

5. Which of the following SDLC models focuses on customer life cycle and adaptability?
a) Rapid Application Development b) Agile Life Cycle c) Spiral Life cycle d) None of These

PART –B

(60 marks)

(Answer any three questions out of five questions. Each question carries 20 marks)

- Q.5** Evaluate the need of MIS in management functions at all levels of an organization..
- Q.6** What is the importance of Networking? Describe its Types with its advantages & Disadvantages
- Q.7** Explain the types Information System Development Life cycle Models.
- Q.8** Explain the application of MIS in Finance & Marketing.
- Q.9** Discuss the concept of Project management Software with its Advantages & Disadvantages?

PART –C

(20 marks)

(Compulsory)

Q.10 Read the following case and answer the questions:

Air Asia, an airlines company, was established in 2001 by Mr. Tony Fernandes, the CEO of Air Asia. It provides low-cost service to the passengers. Therefore it is the leading low- fare airline in Asia and won “Asia Pacific Airlines of the year 2003”Award by CAPA. Its main objective is to create globally recognized brand that maintain the highest –quality product or service, embrace technology to reduce cost and enhance service levels. Air Asia business strategy emphasis on cost leadership and targeting price sensitive customer markets. Air Asia Implemented APS (Advanced Planning and Scheduling) system to handles the complex Operation management. APS system is an information system which works as a brain of supply chain activities by leveraging activities in relation to customers and suppliers. This system supports visibility across the supply chain area in the area of cross- functional scheduling and planning with suppliers and customers.

Questions: (2 x 10 = 20 marks)

- Q.1: Discuss the Decision made by Air Asia to implement APS system is suitable.
- Q.2: What kind of other Information System could be implemented in an Airline Industry?
