

INDIAN INSTITUTE OF MATERIALS MANAGEMENT

Post Graduate Diploma in Supply Chain Management & Logistics

Dec 2019

Post Graduate Diploma in Materials Management - 2 years

PAPER No. 11

Management Information System

Date	: 26.12.2019 : 10.00 a.m to 1.00 p.m.				Max. Mai	Max. Marks : 100	
Time					Duration	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. Each question carries 20 marks. 3. Part C - Case study - Compulsory					nark.	Total: 20 Marks Total : 60 Marks Total 20 marks	
			PART - A (c	ompulsory)	(20	x1 = 20 marks)	
Q.1 Fil	l in the blanks:					[5 marks]	
a) b) c) d) e)	connected computers. b)technology is a wireless communication technology standard that is used for exchanging data over short distances. c) is a type of wireless technology that uses radio frequency electromagnetic field to transfer data files. d) is an organised collection of data held in a logical and integrated manner.						
Q. 2 Ma	tch the following	:				[5 marks]	
	A			В			
	Dot Matrix pri Arithmetic Log Software Router S.Sparkline feat	gical unit		a.Network Dev b.MS Excel c. Set of Instru d. Part of CPU e.Output device	uctions J		
Q3True or False: [5 marks]							
b) c) d)	internet.) Printers are used to produce a hard copy.						
Q. 4 Abbreviations (Please write fill forms) [5 marks]							
a)	MIS	b) HTTP	c) DNS	d) ASCII	e) MIME		

PART - B

(Answer Any Three. Each question carry 20 marks)

(60 Marks)

- Q.5 Explain OSI model of Networking.
- Q.6 What is Data Mining?
- Q.7 What is SDLC?
- **Q.8** Explain System Software & Application Software with examples.
- Q.9 Write brief information of the following: Any Two (2 x 10 = 20 marks)
 - a) Cloud Computing.
 - b) Artificial Intelligence
 - c) Network Topologies
 - d) Benefits of E-Commerce.

PART - C [Compulsory]

Q. 10 Read the Case and answer the questions.

(20 marks)

Foundry company of 100cr turnover wants to investigate the possibility and scope of improvement of current IT & ecommerce and also security of data which was last reviewed in year 2010. You as an external consultant prepare a detailed report highlighting the step by step approach in implementing changes.

Questions (5x4 = 20 marks)

- a) List all changes which are required.
- b) What systems should be implemented for real-time reporting, Storage of data, Security of information.
- c) List and explain Information systems to be implemented.
- d) Where modern technologies like AI, Cloud computing and IOT will be applied.
- e) Mention about use of Cryptography and cyber security.
