

### INDIAN INSTITUTE OF MATERIALS MANAGEMENT

## Post Graduate Diploma in Materials Management- 2 years

PAPER No.24 (enrolment code –CPM)
PAPER No. 19 (enrolment code- PMM)

**DEC2022** 

# **Emerging Trends in MM**

Date Time		22.12.2022 2.00 p.m. to 5.00 p.m.				Max. Marks : 70 Duration : 3 Hrs
Instru 1. Fror		ons: t A – answer all questions (compuls	ory). Each sub que	estions carrie	s 1 mark.	Total : 20 Marks
2. Fror	2. From Part B – Answer any 3 questions outof 5 questions. Each question carries 10 marks.  3. Part C is a case study (compulsory) with questions. Read the case study carefully and answer the questions.					
3. Part C is a case study (compulsory) with questions. Read the case study carefully and answer the questions					Total: 20 Marks	
	_		Part - A			(20 Marks)
Q.1 Se	elect	(Attempt all q		n sub que	estion carries 1 mark.) [5 marks]	
		mmerce refers to application of		a hugingga	-	
1)		IT	b. KPO	s Dusiliesse	c.BPO	
2)		 al economy refers to an econom				
_,	_	Analog	b. Digital		c. Numerical	
3) _		Analysis involves taking ca	· ·	nd cutting co	osts for running the organia	zation
	a.	Financial trend	b. Market tren	nd c. Inve	ntory	
4.		involves using technique	s that assist in s	potting, digg	ging out and investigating t	he best data
	a.	knowledge processing	b. Business Ir	ntelligence	c. Business processing	
5)	loT ir	nvolves usage of that a	are capable of ur	nderstanding	g the human's movement i	n the environment
	а	sensors b. N	lodems.	c.Sw	itches	
	Q.2. State True or False [5 marks]					
1) C	utso	urcing business processes help	s the manageme	ent in conce	ntrating on core activities e	nabling the
C	rgar	ization to achieve competitive a	dvantage			
2)Th	ne se	rvice provided by KPO include of	customer care, te	elemarketin	g and technical support wit	h the help of
V	oice	processes				
3) I	ntere	est rates, taxes and inflation are	economic factor	s that influe	nce business	
4) E	Ret	ailing is a form of electronic com	merce, which all	lows custom	ners to buy goods through	the intenet
5) K	POs	help their clients with advanced	l analytical and s	specialized s	skills in the are of business	operations
Q.3 AI	obre	viations – expand it			[5 marks]	
1)	KP(	) 2)BPO	3) B2B	4)IT	5) AI	
Q.4 Fi	ll in	the blank			[5 mai	rks]
1)	Soc	ial networking sites are conside	red as one of the	e most powe	erfulfor marketers	
2)		refers to a set of ideas, me	thodologies, pro	cesses, arc	hitectures and technologie	s that convert

raw data into useful data for busi	ness purpose					
3) refers to a mode of busine	ess expansion that is characterized by a trade	mark, license and				
payment of fees and significant cont	rol.					
4) M commerce refers to the process of preforming business transaction using an hand						
helddevices that	connected to the wireless network					
5) In network marketing distributors can further coordinate with other sub distributors to expand the						
organization's						
•	PART B	(30 marks)				
	any 3. Each question carries 10 marks)	•				
Q.5 a) Explain the terms cost control and co	[5 marks]					
b) Explain the importance of superior E	[5 marks]					
Q. 6. a)Describe the main functions of Mat	[5 marks]					
<b>b)</b> What is the meaning of high inventor	[5 marks]					
Q.7.a)Explain briefly the Industry 4.0 enviro	[5 marks]					
<b>b)</b> Explain Industry 4.0 components	[5 marks]					
Q.8. a) What are the objectives of material	[5 marks]					
b) Explain the objectives of a good pla	[5 marks]					
Q.9 Write short notes on any two [2 x	5 = 10 marksl					
a) IoS. (Internet of services).	<u>-</u>					
c) Types of inventory and Models	, ,,					
_	PART C	(20 marks)				

## (20 marks)

#### Q. 10. Case study - Compulsory

A Chennai based precision Instruments manufacturing company XYZ having factories at multiple locations and having high reputation due to their quality of products. Company wanted to implement an ERP system to take care of Material Requirement Planning (MRP), Production Planning (PP), Sales and Marketing (SM), Materials Management and FICO. After analyzing various packages available, they decided to implement a reputed ERP package. Generally, an ERP package implementation takes around one year to implement and go on live. XYZ decided take help from a consulting firm to implement ERP. Company could complete implementation within six months and went live. Company did not allow much customization to ensure the original features of the ERP package is maintained (generally there is a tendency to customize andincorporate the features of legacy system).

After few months, company evaluated the performance and fount that frequent production stoppages and inventory levels are going up. In certain cases the Purchase Requisition (PR) were not generated by they system. Company decided to form an internal team to study the problem. After in-depth study, the am found that data input was not proper. Many mandatory fields in the material master were missing. Entire material master and BOM corrected and uploaded afresh. During MRP Run, they found that most of problems noticed were solved and the utilization improved from 62% to 95%. They introduced B2B, and allowed the vendors and other users to access the system to improve communication and information sharing. Performance improved in all areas

- A) describe the problem faced by the company B) How company addressed the issue
- B) What are the suggestions emerged from the team's findings D) advantages of B2B implementation