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Course : B.Voc Program : Tool & Die Manufacturing
 Subject: Industrial Best Practices, Code: ME-705
 Semester: VI

Time: 03 Hours

Max Marks: 35

Instructions to the Students:

1. This Question paper consists of two Sections. All sections are compulsory.
2. Section A comprises 10 questions of short answer type. All questions are compulsory. Each question carries 01 marks.
3. Section B comprises 8 long answer type questions out of which students must attempt any 5. Each question carries 05 marks.
4. Do not write anything on the question paper.

Q.No.	SECTION –A (SHORT ANSWER TYPE QUESTIONS)	Marks
1. a	What is standardisation of operations?	(1)
b	Which lean method makes it very difficult or impossible to produce defective work?	(1)
c	Lean production concepts are only applicable to manufacturing, not services.	(1)
	a. True.	
	b. False.	
d	Which of the following is not associated with Agile Manufacturing?	(1)
	a) Operational Flexibility	
	b) Bottom-up innovation	
	c) Operator augmentation	
	d) Slow approach	
e	Which of the following is not a reason for organizations switching to agile manufacturing?	(1)
	a) Constant technological development	
	b) Increasing complex supply chain	
	c) Higher customer standards	
	d) Increased manpower	
f	Which of the following is not a common idea between lean manufacturing and agile manufacturing?	(1)
	a) Productivity	
	b) Empowering people	
	c) Response to customer demands	
	d) Reduction in waste	

- g Define warehousing (1)
- h What is the role of GIS in SCM. (1)
- i What are the typical causes of equipment breakdown. (1)
- j List the various instruments used for predictive maintenance. (1)

SECTION -B (LONG ANSWER TYPE QUESTIONS)

2. Explain the Japanese philosophy of elimination of waste. (5)
3. What is the importance of maintenance? (5)
4. Why record keeping is necessary in preventive maintenance? Also discuss guidelines to good PM records. (5)
5. Explain the bottom up approach in agile manufacturing. (5)
6. What are the challenges of Mass customization in manufacturing? (5)
7. What is lean manufacturing? Explain the seven wastes identified in lean manufacturing system. (5)
8. Explain the functions of supply chain management in detail. (5)
9. Explain the different types of transducers used for the measurement of noise during condition monitoring Also discuss how noise measurement is considered as a predictive maintenance tools. (5)

===END OF PAPER===