

PARUL UNIVERSITY
FACULTY OF ENGINEERING & TECHNOLOGY
Diploma Engineering, Mid semester Examination

Semester: 4th
Subject Code: 03612257
Subject Name: AMT

Date: (//2023)
Time: (1hr: 30min)

Total Marks: 40

Instructions:

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. English version is considered to be Authentic.

Q.1	Answer any six out of Ten. (2 Marks Each)	(12)	BLOOM TEXONOMY WORDS
	1. Define Batch Production and Mass Production.		knowledge
	2. List out any four-machining process.		knowledge
	3. Define Manufacturing process and Production process.		Understand
	4. List the Equipment used in Gas Welding.		knowledge
	5. Define Forging process.		Understand
	6. What is Hot working process?		Understand
	7. What is cold working process ?		knowledge
	8. Draw diagram for spot welding process.		Analysis
	9. What is resistance welding ?		knowledge
	10. What is metal working process ?		Understand
Q.2	A) Explain working principle of Resistance Welding	(03)	Comprehension
	OR		
	A) Explain difference between Hot working and cold working process.	(03)	create
	B) Explain working principle of Gas welding	(03)	Comprehension
	OR		
	B) Classify Manufacturing processes	(03)	Comprehension
	C) Classify welding process and state safety precautions in gas welding.	(04)	Understand
	OR		
	C) Write the advantages and application of Gas Welding.	(04)	Application
	D) Differentiate between brazing and soldering	(04)	Create
Q.3	A) List the various types of rolling mills and explain anyone.	(03)	knowledge
	OR		
	A) Explain wire drawing process	(03)	Synthesis
	B) Explain about Embossing process.	(03)	Understand
	OR		
	B) Explain Extrusion process with figure.	(03)	Synthesis
	C) List out defects in FORGING process.	(04)	knowledge
	OR		
	C) Write advantages of Extrusion Process.	(04)	Understand
	D) Explain deep drawing process.	(04)	Synthesis

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