

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

Semester: 6th
Subject Code: (03613353)
Subject Name: (Aircraft Maintenance)

Date: (19 / 01 / 23)
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)	CO/PO NAME	Blooms Taxonomy Words
	1. What is role of Aircraft Maintenance Engineer?		CO1	Knowledge
	2. Enlist types of maintenance.		CO2	Analyze
	3. What do you mean by FACTOR?		CO2	Knowledge
	4. Write down role of mechanic in AME.		CO1	Understand
	5. What is non-structural construction in sheet metals?		CO4	Knowledge
	6. What is Structural construction in sheet metals?		CO4	Knowledge
	7. Define residual stress.		CO4	Knowledge
	8. OSHA stands for?		CO2	Knowledge
	9. Enlist requirements of OSHA.		CO2	Analyze
	10. What do you mean by Inventory?		CO2	Knowledge
Q.2	A) Write down types of hazards and explain Chemical hazards.	(03)	CO2	Analyze
	OR			
	A) Explain Biological hazards.	(03)	CO2	Understand
	B) Write down Toxins and their handling and storage.	(03)	CO2	Analyze
	OR			
	B) Write down Flammable liquids and their handling and storage.	(03)	CO2	Analyze
	C) Write down Section 1-6 and explain in MSDS.	(04)	CO2	Analyze
	OR			
	C) Explain Light or Line maintenance.	(04)	CO1	Understand
	D) Explain Importance of Maintenance.	(04)	CO1	Understand
Q.3	A) Explain Material Safety Data Sheet.	(03)	CO2	Understand
	OR			
	A) Explain Labeling with color code.	(03)	CO2	Understand
	B) Write short note on Design Philosophy.	(03)	CO4	Knowledge
	OR			
	B) What are the Factors affecting on the sheet metal parts and joint designs?	(03)	CO4	Knowledge
	C) Explain Hand Rivet Set.	(04)	CO4	Understand
	OR			
	C) Explain Layout Process with Zinc Chromate and Bluing Fluid.	(04)	CO4	Understand
	D) Explain Hole Saw and Chassis Punch in detail.	(04)	CO4	Understand