

Enrolment Number: _____

PARUL UNIVERSITY
FACULTY OF ENGINEERING & TECHNOLOGY
B.TECH (MID SEM EXAMINATION)
6th SEMESTER (WINTER-2024)

SUBJECT NAME (CODE): VOM(203102351)

BRANCH: AUTOMOBILE

DATE: 30/01//2024

TIME:02.30PM TO 4PM

TOTAL MARKS: 40

Sr. No.		Marks
Q.1	(A) One-line Questions. 1. Define. Caster angle and camber angle 2. What is predictive maintenance? 3. What is PDI? 4. Define. Warranty & Extended Warranty 5. Define. Toe in & Toe out	05
	(B) Draw the layout of modern workshop.	05
Q.2	Attempt any four. (Short Questions) (1) What is maintenance? Explain the need of maintenance. (2) Explain basic steps for Engine maintenance. (3) List the different types of tools and equipment's used in workshop. (4) Differentiate between Private service station and Company's authorized service station. (5) Write a difference between 'cylinder boring and honing process.	12
Q.3	Attempt any two. (1) Write short note on Air compressor. (2) Explain Tyre balancing process. (3) Explain any one. 1. Petrol fuel injector cleaning process 2. Tyre rotation process.	08
Q.4	(A) Explain 3D wheel alignment process with neat sketch.	05
	(B) Draw the periodic maintenance schedule chart.	05
	OR	
	(B)What do you mean by Job card? Prepare a job card and inspection card for 4-wheeler.	05