Name:

S. No.

Enrolment No:



Semester:3rd

Morks

UPES

End Semester Examination, December 2023

Course: Automotive Assembly Drawing (MEAD2011)

Program: B.Tech (ADE)

Course Code: (MEAD2011)

Time: 03 hrs.

Max. Marks: 100

Instructions: Section-A&B: Attempt all questions

Section-C: Attempt all questions, in Q 11 answer anyone.

Make a suitable assumption whenever necessary.

SECTION A (5Qx4M=20Marks)

5.110.		Marks	CO
Q 1	What do you mean by "Assembly drawing" explain with an example.	4	CO1
Q 2	Discuss the main advantages of shock absorber.	4	CO1
Q 3	Discuss all label points on a propeller shaft.	4	CO1
Q 4	Write a short note on flywheel.	4	CO1
Q 5	Why second and fourth quadrants are not used in practice?	4	CO1
	SECTION B		
	(4Qx10M= 40 Marks)		
Q 6	Write a short note on crank shaft.	10	CO2
Q 7	Draw all assembly parts of the Internal expanding shoe brake.	10	CO2
Q 8	What is the main function of a Shock absorber?	10	CO1
Q 9	Sketch and explain all assembly parts of a constant mesh-type gearbox.	10	CO3
	SECTION-C		
	(2Qx20M=40 Marks)		
Q 10	Assemble the parts of the piston, shown in figure and draw the following		
	views: (i) Sectional view from the front (ii) View from the left (iii) View		
	from above	20	CO2

