



PILLAI COLLEGE OF ENGINEERING, NEW PANVEL
(Autonomous) (Accredited 'A+' by NAAC)
END SEMESTER EXAMINATION
May 2023
BRANCH: Automobile Engineering

SEM-VI

Subject:- Automotive body and chassis system		Time: 02.00 Hours
Max. Marks: 60 N.B 1. Q.1 is compulsory 2. Attempt any two from the remaining three questions 3. Each Question carry 20 marks.		Date:02/05/2023 Subject Code:-AE308
Q.1.	Attempt All	Marks
a)	Explain flow visualization techniques.	10
b)	Explain various panels used in car bodies..	10
Q.2.	Attempt All	
a)	Explain Frame construction with sketches.	10
b)	Explain driver cab design and regulation.	10
Q.3.	Attempt All	
a)	Explain Body painting procedure in detail.	10
b)	Explain various types of load acting on the frame.	10
Q.4.	Attempt All	
a)	Explain tipper mechanism.	05
b)	Explain the parameter "Entry and Exit location" in bus body lay-out.	05
c)	What are corrosion-anti corrosion methods?	05
d)	Write a short note on Simple Structural surface (SSS) Methods.	05