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SNS College of Technology, Coimbatore-35.
(Autonomous)

B.E/B.Tech- Internal Assessment -III
Academic Year 2023 – 2024 (Even)

Sixth Semester

Automobile Engineering

19AUE308 – SPECIAL VEHICLES

B

Time: 1^{1/2} Hours

Maximum Marks: 50

Answer All Questions

PART - A (5 x 2 = 10 Marks)

		CO	Blooms
1	List out the practical applications of Scissor Lift Truck	CO4	App
2	Consider that you need a fork lift truck for material handling in Tyre warehouse, Which attachment you will fix in front of the fork lift truck for performing the work?	CO4	App
3	Analyze the features available in the Fire Service Truck	CO4	Ana
4	Is it possible to use Bridge Builder for attacking? Justify your answer.	CO5	Ana
5	Analyze the scope of E-Vehicle Racing in India	CO5	Ana

PART – B (13 x 2 = 26 Marks)

6	(a) Elaborately Discuss about the constructional layout of Mobile Crane with a neat sketch.	13	CO4	U
	(or)			
	(b) (i) Describe the construction layout of Ambulance with a neat sketch	8	CO4	R
	(ii) Compare and contrast the working of Wheel Tow truck with the Flatbed truck.	5	CO4	Ana
7	(a) Analyze briefly about the features of Battle Tank with a neat sketch.	13	CO5	Ana
	(or)			
	(b) Explain the construction Features of Go-Kart with a neat sketch.	13	CO5	U
8.	(a) Assume that India has been called for a war against Pakistan. Apply the Suitable Special Vehicles for engaging in the war with a neat sketch.	14	CO5	App
	(or)			
	(b) Apply the Suitable Special Vehicles for the purpose of Material Handling in the Automotive Manufacturing Unit.	14	CO4	App

Rem – Remembrance, Und – Understanding, App- Apply, Ana – Analyse, Cr- Create

Prepared by

Verified by

HOD / Auto