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

B.E/B.Tech- Internal Assessment -II
Academic Year 2022 – 2023 (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 Is it possible to use Vibration compactor for grading the road surface?	CO2	Ana
2 List out any two special vehicles used for laying deep foundations	CO2	App
3 Analyze the importance of Cage wheel in the Agricultural field.	CO3	Ana
4 Is it possible to use the Agricultural vehicle with tracks in the field for Plantation purpose?	CO3	Ana
5 Justify the reason why the tractors are provided with two driving modes	CO3	Ana

PART – B (40 Marks)

6 (a) Elaborately Discuss about the construction layout of Pile Driver with a neat sketch.	13	CO2	Und
(or)			
(b) (i) Describe the construction layout and application of Motor Grader with a neat sketch	9	CO2	Rem
(ii) Compare and contrast the working of Driller Rig with the Pile driver.	4	CO2	Ana
7 (a) With the aid of a neat sketch explain the constructional features of Paddy harvester.	13	CO3	Und
(or)			
(b) Analyse the various features and components of Sugarcane harvester with a neat sketch.	13	CO3	Ana
8. (a) Apply the Suitable Special Vehicles for the purpose of Constructing the National Highway road and also explain each and every vehicle used in Detail.	14	CO2	App
(or)			
(b) Apply the Suitable Special Vehicles and their attachments for the purpose of planting Coconut Trees and also to convert the normal land to Agricultural land and also explain each and every vehicle used in Detail	14	CO3	App

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

Prepared by

Verified by

HOD / Auto