



**DIPLOMA IN ELECTRICAL ENGINEERING AND
ELECTRIC VEHICLE TECHNOLOGY**

CENTRALIZED QUESTION BANK

**1030234540- VEHICLE CHASSIS, SUSPENSION,
TRANSMISSION & GARAGE EQUIPMENTS**

**DIRECTORATE OF TECHNICAL
EDUCATION GOVERNMENT OF
TAMILNADU**

DIPLOMA END SEMESTER / YEAR EXAMINATION – 2025

Course: Electrical Engineering and Electric Vehicle Technology

Subject : Vehicle Chassis, Suspension, Transmission & Garage Equipments

QP Code : 1032234540

Time : 3 Hours

Date :

Session:

Max Marks: 100

Answer The Following Questions

1. Removing and replacing of the pressure plate and clutch plate and fingers adjustment.
2. Dismantling, inspecting and assembling of the two-wheeler CVTtr system
3. Dismantling, inspecting and assembling of Epicyclical gear box and find out the gear ratios.
4. Dismantling, inspecting and assembling of front & Rear axle wheel bearing.
5. Dismantling, assembling and adjusting of the steering gear box and find gear ratio.
6. Dismantling, inspecting and assembling the power steering assembly.
7. Removing, inspecting and refitting of the shock absorber, leaf and coil spring assembly.
8. Removing, checking and vulcanizing the tubes by using electrical vulcanizing machine.
9. Checking, measuring and adjusting of the caster, chamber, and king pin inclination, toe-in and to e-out.
10. Removing the wheel from the LMV vehicle and balance the wheel using wheel balancing machine
11. Dismantling, checking and adjusting of Wheel bearing, Steering stem & ballrace, inspect and replace in Etwo-wheeler.
12. Dismantling, inspecting and Servicing of disc brake including master cylinder, wheel cylinder and brake pads.

Allocation Of Marks

Sl. No	Description	Marks
1	Aim & Apparatus Required	10
2	Circuit / Connection Diagram	20
3	Dismantle & Identify the parts	20
4	Checking, Re-assembling & Testing	20
5	MCQ from Theory Portions	20
6	Viva Voce	10
Total		100