

32156 – AUTOMOBILE CHASSIS AND TRANSMISSION PRACTICAL

DETAILED SYLLABUS

Part A

1. Remove and replace the pressure plate and clutch plate, fingers adjustment and clutch plate relining.
 2. Dismantle, inspect and assemble the sliding mesh gear box / constant mesh gear box to find the gear ratios.
 3. 3 Dismantle, inspect and assemble the synchromesh gear box / Epicyclical gear train to find the gear ratios.
 4. Dismantle and assemble the rear axle and adjust wheel bearing.
 5. Dismantle, assemble and adjust the steering gearbox and find gear ratio.
 6. Dismantle, assemble the power steering. Curriculum Development Centre, DOTE.
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Part B

1. Remove, inspect and refit the shock absorber.
2. Dismantle and assemble the leaf and coil spring.
3. Overhauling, adjusting and bleeding of Hydraulic system.
4. Remove the tyre for Vulcanizing the tubes and refit.
5. Check, measure and adjust the caster, chamfer, king pin inclination, toe-in and toe-out
6. Remove the wheel from the vehicle and balance the wheel using wheel balancing machine