

Annexure-I

SYLLABUS FOR FINAL WRITTEN EXAMINATION TO THE POST OF SCT PCs (MECHANIC) (POLICE TRANSPORT ORGANIZATION)

Technical paper (objective nature) (200 questions) (200 Marks)

G.O. No. 217, dt; 22.12.2012	Introduction to Automobiles, 4 and 2 Strokes Spark Ignition Engine, Compression Ignition, Engines and working principles, Petrol and Diesel Engine Components, Valve and operating Mechanism, Cooling System, Lubricating System, Fuel system in Petrol Engine, Ignition System, Fuel Injection System in diesel engines. Intake and Exhaust System, Battery, Automotive Electricity, Alternator, Dynamo, Cut out, Fuses, Self Starter, Wiring and Electrical Accessories, Brakes, Transmission Systems, Wheel Alignment, Steering, Suspension, Mechanic Tools, Work Shop Tools, Servicing of vehicles, Check up of vehicles for Road Worthiness, Fleet Maintenance of vehicles, Safety Precautions.
------------------------------	--

Annexure-I (G.O. No. 217, dt: 22.12.2012)

SYLLABUS FOR FINAL WRITTEN EXAMINATION TO THE POST OF SCT PCs (DRIVER) (POLICE TRANSPORT ORGANIZATION)

Technical paper (objective nature) (200 questions) (200 Marks)

G.O. No. 217, dt; 22.12.2012	Maintenance Responsibility, Drivers daily routine duty, Daily maintenance, Weekly Maintenance, Periodical Maintenance, Battery maintenance, its specific gravity, Tyres Maintenance and rotation, Fuel system, Ignition System, Lighting System, Brake System, Clutch & Transmission System, Fuel Accountability, Dash Board Instruments, Canopy and Seats Cleaning off Wind Screen and Wipers, Minor Repairs Viz. Fan Belt Replacements, Attending Wheel Punctures, Air Lock Removal, MV Act and Rules, Traffic Signals, First Aid Practice, Safety Precautions.
------------------------------	---