

Syllabus for the post of Driver

1. **Controls:**

Speedometer, Petrol gauge, Warning Light, Ignition Light, Switches, Dipper Switch, Choke, Ignition Switch, Wind Screen Wiper, Wind Screen washer, Steering Wheel, Direction Indicator Light, Hand brake, Pedals.

2. **Daily Maintenance and Essential Check Before Moving Off:**

Daily maintenance and inspection, Brake Fluid level, Engine Oil level, Water Level, Water Pump belt tension, Tyre pressure, brake pedals, Free Play, Essential check before driving, Cock pit drill for the driver before starting.

3. **Driving Method:**

Holding Car stationary, Moving and Stopping, Changing Gear, Double declutching, Moving in lower gear, Braking, Testing of brake.

Better Driving: Taking left turn, Turning to right, turning to left, Reversing, Three point turn, Reversing into limited opening Stop and Moveoff immediately, Cross Road, Round about, Overtaking, Parking, Angel Parking, Parking perpendicule to Kerb.

4. **Difficult Driving Condition:**

Driving on wet surfaces, Visibility, Equaplanning, flooded Roads, Driving in fog, Skid, when bicycles are present, Night driving, Running on the pavement, Emergencies, Broken wind screen glass, Animal on Road, Blow out of Tyres, Emergency Stop, Brake failure, Towing.

5. **Traffic Signal and Marking:**

Red Light, Yellow Light, Green Light, Flashing Light, Painted Lines on road, Cross Walk, Lane Lines, Continues yellow Line.

6. **Road Observations:**

Reading Road, Signaling by hand, Road signals.

7. **Traffic Law:**

Right of Way, Driver must yield to pedestrians, Driver must yield to other drivers, pedestrians must yields, Slow moving vehicle, Weaving or wondering, One way, Median Strips, following to closely, Truck, Buses and Tracter trailers, U-turn, Speed limit restriction, Stopping, Standing and Parking.

8. **Fitness to Drive:**

Good health and Road Safety, Driving age, driving comfort, Fatigued or pain in body, Exercies, Physical Strain, Traffic Jam exercise, your vision, Exhaust gases, Car sickness, driving under the influence of drug and Liqure, Driving after taking drug, Emotinal disturbances, First aid kit.

9. **Legal and Insurance Obligations:**
Motor vehicle registration and tax token, driving licence, driver examination insurances, accident.
10. **Engine:**
How they work, basic parts of the engine, engine cycle, operation of four cylinder working of two stroke engine.
11. **Diesel Engine:**
Four stroke, Engine, Bleeding of air.
12. **Cooling System:**
Air cooling system, water cooling system, pressurized cooling system, cooling system trouble-shooting.
13. **Lubrication System:**
Its working.
14. **Fuel Supply on and Carburettor:**
Gravity and forced feed system, Fuel pump mechanical and electrical, working of carburetor, trouble shooting.
15. **Ignition System:**
Ignition coil, distributor, how to set contact point gap, maintenance of distributor, spark plug, testing of spark plug, Ignition system trouble shooting.
16. **Intake and Exhaust System:**
Dry type and wet air cleaner inlet and exhaust manifold maintenance of air cleaner.
17. **Transmission:**
Clutch: Principle of clutch, clutch adjustment, gear box, gear lever, propeller shaft, rear axles, differential.
18. **Steering System:**
Working.
19. **Suspension System:**
Requirement of suspension system and type of system.
20. **Tyres:**
Tyre marking, changing of tyre, replacing of tyre, Tips on how to increase life to tyre.
21. **Brakes:**
Requirement of brake system, Braking action, Hydraulic brakes, working of disc brake, adjustment of brakes, parking brake, adjustment hydraulic brake, trouble shooting.

22. **Electricity Charging System:**
Battery, Care and maintenance of Battery, Operation of starting circuit, trouble shooting.
23. **Care of Car and Upholstery:**
Washing of car, cleaning of upholstery, cleaning of floor carpet, cleaning of chromium parts, cleaning of wind screen.
24. **Control on Fuel Consumption:**
25. **Storing of Your Car:**
26. **Prevention of Car Theft:**
27. **Preparing For Long Journey:**
28. **What you should remember for learner and final driving test:**