

DEPARTMENTAL EXAMINATION OF IAS/HAS OFFICERS OF
HIMACHAL PRADESH

February, 2006

Paper-12.

Motor Mechanism and Driving.

Time 2.30 hours.

Maximum Marks: 50

- Note: 1. Candidate may answer the question in Hindi or English.
2. Attempt any five questions from Part-A and any five from Part-B.
3. Bar Act is allowed.

PART-A

Q.No.1 Give detail of articles required in the first aid box and explain its importance
In stage carriage bus service.

5 Marks

Q.No.2 Where any five of following are fitted in Public service vehicle:-

- (a) Fire Extinguishers.
- (b) Wind Screen Wiper.
- (c) Rear View Mirror.
- (d) Filter.
- (e) Diesel Tank
- (f) Radiator.
- (g) Ignitions Switch.
- (h) Mufflar.

5 Marks

Q.No.3 To which system of vehicle following are related. Explain any 5 of the
Following:-

- (a) Tie rod.
- (b) Steering wheel.
- (c) Drop Arm.
- (d) Pull & Push.
- (e) Knuckle arm.
- (f) Steering box.
- (g) Tie rod end.

5 Marks

Contd.P-2

Q.No.4 Explain the function of any five of the following:-

- (a) Axilator.
- (b) Brake.
- (c) Steering.
- (d) Fan Belt.
- (e) Gear.
- (f) Radiator.
- (g) Clutch.

5 Marks

Q.No.5 To which system following five are related:-

- (a) Air Filter.
- (b) Oil Filter.
- (c) Diesel Filter.
- (d) FI Pump.
- (e) Lift Pump.
- (f) Oil Pump.
- (g) Water Pump.

Or

What is the distance of leg space in the passenger bus and indicate permissible Limit of internal height of bus.

5 Marks

PART-B

Q.No.6 Define any 5 of the following:-

- (a) Trailer.
- (b) Tractor.
- (c) Tourist vehicle.
- (d) Transport Vehicle.
- (e) Route.
- (f) Fares.
- (g) Maxi cab.
- (h) Contract carriage.
- (i) Articulated vehicle.
- (j) Gross Vehicle weight.

5 Marks

Contd.P-3

Q.No.7 Why insurance of vehicle is necessary and what is effect of non- insurance of Motor vehicle? Which of the Motor Vehicles can be exempted from Insurance and by whom?

5 Marks

Q.No.8 What do you understand by any five of the following:-

- (a) Modification of route
- (b) Extension of route.
- (c) Diversion of route.
- (d) Curtailment of route.
- (e) Restoration of route.
- (f) Corridor.
- (g) Trip.

5 Marks

Q.No.9 Explain briefly Constitution, Role Function of any four of the following Authorities:-

- (a) Regional Transport Authority.
- (b) State Transport Authority.
- (c) State Transport Appellate Tribunal.
- (d) Road Safety Council.
- (e) Motor accident claim Tribunal.

5 Marks

Q.No.10 Explain law relating to licensing and regulation of establishments for Imparting instructions in driving of motor vehicles. Under what Circumstances Driving License can be suspended and cancelled.

OR

What do you understand by temporary registration of vehicle? Who can pass Motor Vehicles in Himachal Pradesh?

5 Marks
