

**H.P. BOARD OF DEPARTMENTAL EXAMINATION
DEPARTMENTAL EXAMINATION OF IAS/ HAS OFFICERS OF
HIMACHAL PRADESH SESSION NOVEMBER, 2009**

Paper-12 (Motor Mechanism and Driving)

Time :1 ½ 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. Bare Act is allowed.
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PART-A

Q.No.1 Explain the functions of following 5 in Motor Vehicle.

- a) Injector Pipe
- b) Spark Plug.
- c) Spring Leaves.
- d) Fan Belt.
- e) Air Filter.
- f) Shock Observer.

(5 Marks)

Q.No.2 Explain the functions of any five of following in the motor vehicle:-

- a) Radiator.
- b) Hose Pipe.
- c) Pressure cap.
- d) O Ring.
- e) Reserver Tank.
- f) Battery

(5 Marks)

Q.No.3 What are the functions of any five of following in a Motor Vehicle:-

- a) Hand Brake
- b) Clutch Plate
- c) Propeller Shaft
- d) Water body
- e) HSD Filter
- f) Crown Wheel.

(5 Marks)

Q.No.4 What are the functions of following five parts in motor Vehicle:-

- a) Centre Bolt
- b) Shackle Pin.
- c) U. Clamp
- d) Rubber Buffer.
- e) Drag Link.
- f) Tie Rod

(5 Marks)

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Q.No.5 Explain the functions of any 5 of following:-

- a) U.J.Cross
- b) Injector
- c) Engine foundation
- d) Footers
- e) Oil Dip Stick

(5 Marks)

Q.No.6 What are the causes of Engine failure?

(5 Marks)

PART-B

Q.No.7 Define any five of following:-

- a) Certificate of Registration.
- b) Educational institutional bus.
- c) Gross vehicle weight.
- d) Semi Trailor.
- e) Invalid carriage.
- f) Traffic signs.
- g) Stage carriage.

(5 Marks)

Q.No.8 Explain relevant provisions under Motor Vehicle Act in connection with age limit
For driving of Motor Vehicles of different kinds.

(5 Marks)

Q.No.9 Describe importance of Driving Training Schools.

(5 Marks)

Q.No.10 Explain Law relating to registration of Motor Vehicle within and out side State.

(5 Marks)

Q.No.11 Explain functions of any two of the following:-

- 1. State Transport Authority
- 2. Regional Transport Authority.
- 3. State Transport Apellate Tribunal

(5 Marks)

Q.No.12 Explain Law relating to no fault liability under Motor Vehicle Act, 1988.

(5 Marks)

OR

What are the circumstances under which driving Licence can be suspended?

(5 marks)
