

22557

12425

03 Hours / 70 Marks

Seat No.

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- Instructions* – (1) All Questions are *Compulsory*.
(2) Answer each next main Question on a new page.
(3) Illustrate your answers with neat sketches wherever necessary.
(4) Figures to the right indicate full marks.
(5) Assume suitable data, if necessary.
(6) Mobile Phone, Pager and any other Electronic Communication devices are not permissible in Examination Hall.

Marks

1. **Attempt any FIVE of the following** **10**
- a) Interpret the following terms in accordance to M.V. Act 1988 -
 - i) Registration Mark
 - ii) Permit
 - b) Give significance of 'Learner's Driving Licence.'
 - c) Interpret the term 'Insurance' in relation to motor vehicle.
 - d) List the documents required for buying a new vehicle.
 - e) Define the following terms used in passenger transport operation -
 - i) Route
 - ii) Trip
 - f) Write the modes of transportation in urban area.
 - g) Give transport organizations which provides transport service in urban area and rural area respectively in Maharashtra.

P.T.O.

- 2. Attempt any THREE of the following** **12**
- a) Explain the procedure to obtain driving Licence to drive a Heavy Goods Vehicle with relevant essential documents.
 - b) Describe the overall dimensions for construction of LMV as per provisions of M.V. Act 1988.
 - c) Describe the procedure of buying a used vehicle and documents required for the same.
 - d) State the four factors to be considered for effective transport management.
- 3. Attempt any THREE of the following** **12**
- a) Describe the role of CRRI in road transportation with relevance to research and development.
 - b) Describe the significance of Log book and Goods consignment Note in Goods transport operation.
 - c) Explain different modes for selling a used vehicle.
 - d) Explain with sketch working of vehicle navigation system.
- 4. Attempt any THREE of the following** **12**
- a) Explain the procedure for registration of newly purchased car alongwith required documents.
 - b) Explain the basis on which tax is levied to motor vehicles in the state of Maharashtra.
 - c) Prepare a Accident Survey Report of a car involved and damaged in the road accident.
 - d) Compare urban transportation with Rural transportation on the basis of -
 - i) Means of transportation
 - ii) Speed
 - iii) Cost of transportation
 - iv) Availability
 - e) Describe the working of MSRTC.

5. Attempt any TWO of the following 12

- a) Illustrate the 'Registration Mark' of a transport vehicle with a suitable example. Describe the size and manner of displaying it on motor vehicle.
- b) Explain with eligibility requirements the procedure to obtain Licence to work as a motor vehicle insurance surveyor.
- c) Explain how 'Intelligent Transport System' and 'Smart Card' are helpful in controlling the traffic.

6. Attempt any TWO of the following 12

- a) Give types of motor vehicle insurance. Explain how to claim compensation in following situations -
 - i) Liability without no fault
 - ii) Hit and Run.
 - b) Prepare a schedule for buses operating between Pune and Mumbai from 5.00 am to 10.00 pm daily. Assume the following data -
 - i) Distance between two terminals - 150 kms.
 - ii) Running time required - 3 Hrs.
 - iii) Standing time - 1 Hr at either terminals.
 - iv) Frequency of buses from traffic survey - 2 hrs.
 - c) State the role of CIRT and VRDE with their full form.
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