

17616

15162

3 Hours / 100 Marks

Seat No.

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

Marks

1. a) **Attempt any THREE of the following:** **12**
- (i) Give any four types of form used in MVA. State its purpose.
 - (ii) Write any four objectives of taxation.
 - (iii) Which vehicles are exempted from permit ?
 - (iv) State the necessity of holding driving licence and age limit for all types of driving licences.
- b) **Attempt any ONE of the following:** **6**
- (i) Define -
 - (1) Permit
 - (2) Certificate of registration
 - (3) Heavy motor vehicle
 - (4) Goods vehicle
 - (5) Conductor
 - (6) Unladen weight
 - (ii) List the types of permit. Explain tourist permit.

P.T.O.

2. Attempt any FOUR of the following:**16**

- a) Draw the general layout of vehicle bus depot.
- b) Write steps involved in accident survey report.
- c) Define -
 - (i) Public Place
 - (ii) Vehicle schedule
 - (iii) Trip
 - (iv) Route
- d) Draw traffic signs for -
 - (i) No parking
 - (ii) No entry sign
- e) State the role of automobile engineer in transport organization.
- f) What is the procedure for preparation of selling a used vehicle.

3. Attempt any FOUR of the following:**16**

- a) What is fare ? What are different methods to calculate fare ?
- b) List four topper automobile industries in India for -
 - (i) LMV
 - (ii) Two wheeler
- c) Enlist the basic factors in crew scheduling.
- d) Write full forms of VRDE, MSRTC, BEST and ARAI.
- e) What are the causes for transfer of ownership of motor vehicle ?
- f) Write the general provision regarding construction and maintenance of motor vehicle.

4. a) **Attempt any THREE of the following:** **12**
- (i) Write the functions carried out in CIRT.
 - (ii) Compare third party motor vehicle insurance and comprehensive motor vehicle insurance.
 - (iii) Explain in brief global positioning system.
 - (iv) What are the basic elements in transport management.
- b) **Attempt any ONE of the following:** **6**
- (i) List factors to be considered while buying a new vehicle.
 - (ii) What are the various facilities available at VRD ?
State functions and roles of VRDE.
5. **Attempt any FOUR of the following:** **16**
- a) Write organization structure of MSRTC.
 - b) State various types of bookings used in transport management.
 - c) What is certificate of fitness and its validity.
 - d) Explain any four basic factors in bus scheduling.
 - e) Describe the procedure of survey and valuation of vehicle.
 - f) State the benefits of smart cards in transport management.
6. **Attempt any FOUR of the following:** **16**
- a) Explain in brief BEST organization.
 - b) Explain -
 - (i) Vehicle ledger
 - (ii) Truck history card
 - c) Write suspension or cancellation of driving licence in certain cases.
 - d) State the passenger amenities and infra-structural facilities required.
 - e) Give the checklist for buying a used vehicle.
 - f) State the elements considered for site selection for a bus depot.
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