

22557

21222

3 Hours / 70 Marks

Seat No.

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15 minutes extra for each hour

- 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) Define the terms.
- i) Pay Load
- ii) Invalid carriage
- b) Write the applications of following RTO Forms.
- i) Form 1-A
- ii) Form 20
- c) List down the authorities authorized for collection of Motor vehicle tax.
- d) Give the significance of warranty with example.

P.T.O.

- e) Define the terms relate with transport operation :
 - i) Public place
 - ii) Route
- f) Enlist the passenger amenities to be provided by transport organization.
- g) Write full form and the place of Head Quarters of following Research organizations.
 - i) CRRI
 - ii) CIRT
 - iii) VRDE
 - iv) ARAI

2. Attempt any THREE of the following: 12

- a) Explain the salient features of vehicle navigation system used in Advanced traffic control.
- b) State the merits and demerits of Third party insurance.
- c) Describe the procedure to obtain surveyor's licence.
- d) Differentiate between state transport service and private bus service with justification.

3. Attempt any THREE of the following: 12

- a) Describe the role of an Automobile Engineer in running of transport organization.
- b) Explain the significance of Ex-show room price and on road price of vehicle with example.
- c) Write the procedure for transfer of ownership of motor vehicle on account of death of owner.
- d) Enlist and explain the basic elements of transport.

4. Attempt any THREE of the following: 12

- a) Give the penalties for the violations of following offences:
 - i) Driving without licence
 - ii) Driving uninsured vehicle
 - iii) Talking on Mobile Phone while driving
 - iv) Driving at excessive speed
- b) Explain the necessity of Motor Vehicle Insurance with relevant justification.
- c) State duties and responsibilities of Loss Accessor and Surveyor in the event of accident.
- d) Describe importance of Trip Operation Sheet and Truck History card in Good's Transport operation.
- e) Explain the organization structure of 'MSRTC'.

5. Attempt any TWO of the following: 12

- a) Explain the motor vehicle registration marking system in India on basis of following parameters of
 - i) Colour code of Number plate
 - ii) Display of Registration Mark
- b) Justify the statement, "Driving licence is a privilege, not a right" for the enhancement and awareness of road safety and security.
- c) Give the classification of Traffic signs. Illustrate following traffic signs neatly,
 - i) One way
 - ii) Narrow Bridge
 - iii) Stop
 - iv) Give Way

6. Attempt any TWO of the following:**12**

- a) Mention the meaning of taxation and write tax structure in the Maharashtra.
 - b) Define 'Bus Depot'. Draw and describe a typical layout of bus depot.
 - c) Describe the role of ARAI and CIRT in automobile industry.
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