

17616

11718

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) Use of Non-programmable Electronic Pocket Calculator is permissible.
  - (6) Mobile Phone, Pager and any other Electronic Communication devices are not permissible in Examination Hall.

**Marks**

1. (A) Attempt any THREE : 12
- (a) Define the terms as per Motor Vehicle Act :
    - (i) Certificate of Registration
    - (ii) Fare
    - (iii) Goods carriage
    - (iv) Unladen weight
  - (b) What is National permit ? State four vehicles which are exempted from the permit.
  - (c) Who are exempted from tax payment ? Give reasons.
  - (d) Describe the procedure required for permanent driving licence.

**(B) Attempt any ONE :****6**

- (a) Describe three offences commonly committed by a motorist and the penalties prescribed there of.
- (b) Draw the labelled layout of Bus depot. State the factors considered for site selection of Bus depot.

**2. Attempt any FOUR :****16**

- (a) Describe the certificate of fitness for transport vehicles.
- (b) State two functions of each STA and RTA.
- (c) Define the following terms :
  - (i) Goods vehicle
  - (ii) Route
  - (iii) Public Place
  - (iv) Trip
- (d) What are the general provisions regarding maintenance of motor vehicle ?
- (e) Describe four cases where suspension of Registration of vehicle takes place.
- (f) What infrastructural facilities are required at Depot ? Explain.

**3. Attempt any FOUR :****16**

- (a) State the importance of Warranty system and protection of law.
- (b) Describe the basic factors in crew scheduling.

- (c) How do you select a vehicle for a particular operation ? Describe it.
- (d) State the importance of following documents in transportation :
  - (i) Log book
  - (ii) Vehicle ledger
- (e) What is scheduling ? How will you schedule your buses for city operation ? Assume suitable data.

**4. (A) Attempt any THREE : 12**

- (a) How the valuation of accidental vehicle is calculated ?
- (b) What factors are to be considered while buying a new vehicle ? Describe.
- (c) What preparations need to be done before selling a used vehicle ?
- (d) Explain the role of ARAI in Automobile Industry.

**(B) Attempt any ONE : 6**

- (a) Describe the procedure of claiming compensation for accidental vehicles.
- (b) Write the procedure for Freight calculation for hiring a truck.

**5. Attempt any FOUR : 16**

- (a) Describe the procedure to prepare accident survey report.
- (b) Explain the importance of vehicle navigation system.
- (c) List various advanced traffic control devices. Describe working of any one.

- (d) Describe the system which display road map marking the exact location of the vehicle.
- (e) Identify the type of the traffic signs shown in figure-1 and write its meanings.

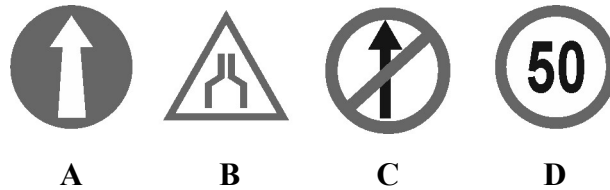


Figure – 1

- (f) Describe the developments of motor industry in India.

**6. Attempt any FOUR :**

**16**

- (a) Prepare a checklist to buy a used motor vehicle.
- (b) State four functions of CRRI.
- (c) State role of VRDE in Automobile Industry.
- (d) What are the different elements of marketing in Motor Industry ?
- (e) Describe the working of BEST.
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