

# 17616

**21415**

**3 Hours / 100 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. a) Attempt any THREE of the following: 12
- (i) Define the terms:
- 1) Goods vehicle
  - 2) Conductor
  - 3) Fare
  - 4) Unladen weight
- (ii) List the documents required for Permanent license.
- (iii) State the meaning of following registration marks  
MH-13, MH12, MH-14, MH10
- (iv) State any four vehicles which are liable for tax exemption with percentage of exemption.

P.T.O.

- b) **Attempt any ONE of the following:** **6**
- (i) Explain the procedure to obtain learner's license.
  - (ii) Differentiate between STA and RTA.
- 2. Attempt any FOUR of the following:** **16**
- a) What are the duties and responsibilities of a conductor.
  - b) List any four types of permits and explain any one permits.
  - c) Explain types of Vehicle Insurance.
  - d) Define the terms -
    - (i) Public service vehicle
    - (ii) Route
    - (iii) Trip
    - (iv) Time table
  - e) List any four forms used in Transport Office and state their uses.
  - f) What are the basic factors considered in crew scheduling.
- 3. Attempt any FOUR of the following:** **16**
- a) What are the factors considered in selection of site for a depot?
  - b) What are the factors considered in buying a new vehicle?
  - c) List any four documents used in transportation explain Truck history card.
  - d) Explain the working of MSRTC.
  - e) Describe the importance of GPS in traffic management.
  - f) Give the full form of CRRI, VRDE, PCRA, ARAI

4. a) **Attempt any THREE of the following:** **12**
- (i) What preparations will you make to sell your vehicle.
  - (ii) State any four advantages of smart card.
  - (iii) Write names of any four leading automobile manufacturers in India with their product name.
  - (iv) Explain any four basic elements in transport management.
- b) **Attempt any ONE of the following:** **6**
- (i) Explain vehicle schedule and trip.
  - (ii) Draw the sketch for following traffic signs.
    - 1) No parking
    - 2) Right hand curve
    - 3) No entry
5. **Attempt any FOUR of the following:** **16**
- a) Write the necessity of TOS and truck history card.
  - b) Write the procedure for freight calculation for hiring a truck.
  - c) Explain any four factors considered while buying a used car.
  - d) Explain the importance of vehicle navigation system.
  - e) What factors are considered in preparing accident survey report.
  - f) What infrastructural facilities are to be provided in a depot.

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**Marks**

**6. Attempt any FOUR of the following:**

**16**

- a) What factors are to be considered while buying a new motor vehicle.
  - b) Write the role of automobile engineer in transport organization.
  - c) Explain the role of ARAI in Automobile Industry.
  - d) What are the documents required to produce at the time of registration of new vehicle.
  - e) Write any four objectives of taxation.
  - f) What are the factors considered for valuation of vehicle.
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