

17616

**21718**

**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. Attempt any FIVE of the following :**

**20**

- (a) Define Registration of Motor Vehicle. How you apply for Registration ?
- (b) What do you understand by Telescopic fore ? When and where they are made available ?
- (c) State the factors to be considered while buying a used vehicle.
- (d) State the objectives of Advance Techniques Traffic Management for safe and effective driving skills.
- (e) Differentiate between the working of BEST and MSRTC.
- (f) State 'VRDE'. Describe its role for transport undertaking.

- (g) Define : (any four)
- (i) Articulated vehicle
  - (ii) Gross vehicle weight
  - (iii) Private Service vehicle
  - (iv) Maxi-car
  - (v) Invalid carriage
  - (vi) P.U.C.

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

**16**

- (a) How the exemptions granted to vehicles by Government from permit ?
- (b) Which factors should be considered for valuation of old vehicles ?
- (c) Write down importance of warranty system.
- (d) What is permit ? State its types. Explain any one of them.
- (e) Differentiate between Rural and Urban transport.
- (f) What is the procedure of claiming compensation for accidental vehicle ?

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

**16**

- (a) What is certificate of fitness and its validity ?
- (b) Explain the significance of Bus depot with layout.
- (c) State basic documents required in Transport Operations. Explain any one of them.
- (d) State various functions of Traffic signs with its different categories.
- (e) Draw and explain an Universal Organisational set up of Automobile Industry.
- (f) Explain working of CRRRI and ARAI with their full form.

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

- (a) What are different conditions of RTA to grant a stage carriage permit ?
- (b) List different passenger amenities necessary to provide in Bus Transport operation.
- (c) Describe the procedure of change of Registration Mark.
- (d) Differentiate between Maharashtra State Transport and Private Bus Services.
- (e) Explain the economic factors that influences the goods transport operation.
- (f) State and explain the basic elements of Transport.

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

- (a) Explain the meaning of Taxation with its objectives.
- (b) Explain the Rules of Central Government regarding Transport and Storage of Petroleum Products.
- (c) State the factors to be considered while buying a New Vehicle.
- (d) Describe the role of GPS and Navigation system for vehicle and Traffic Control Management.
- (e) Differentiate between RTA and STA (any four points.)
- (f) State the procedure of hiring of a Truck.

**P.T.O.**

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

- (a) Describe the Taxation structure of passengers and goods transport vehicles.
  - (b) State various types of Booking and explain any one.
  - (c) Describe the procedure of preparation of vehicle for sale by owner. State their usefulness.
  - (d) How traffic is controlled in the city of Mumbai by Advance Techniques ? State its importance in Traffic Management.
  - (e) Describe 'ISO systems and EURO Norms' for Motor Industry in India.
  - (f) Explain the importance of Automobile Engineer in Transport Organisation.
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