

17616

11819

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.

- |  | <b>Marks</b> |
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| <b>1. (A) Attempt any THREE :</b>                                    | <b>12</b>    |
| (a) Define the terms as per Motor Vehicle Act :                      |              |
| (i) Goods Vehicle  |              |
| (ii) Fare  |              |
| (iii) Stage Carriage   |              |
| (iv) Invalid Carriage  |              |
| (b) State any four objectives of Taxation.                           |              |
| (c) List the documents required for permanent license.               |              |
| (d) Mention the duties of conductor of state Transport organization. |              |
| <b>(B) Attempt any ONE :</b>   | <b>6</b>     |
| (a) Differentiate between STA & RTA.                                 |              |
| (b) Describe the procedure to obtain a permanent driving license.    |              |

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

- (a) How the registration of vehicle get cancelled ?
- (b) List various types of vehicle insurance and explain any one.
- (c) List any four forms used in Transport office & state their uses.
- (d) Explain the procedure for accident claim.
- (e) What infrastructural facilities are to be provided in a depot ?
- (f) List any four types of Permits & explain any one permit.

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

- (a) What are the factors considered in buying a new vehicle ?
- (b) What are the factors considered in selection of a site for a depot ?
- (c) Describe the importance of crew scheduling in transport organization.
- (d) Write the necessity of Trip operational sheet.
- (e) Explain basic elements in transport management.

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

- (a) What preparation will you make to sell your vehicle ?
- (b) How the warranty system is useful in case of an accident ?
- (c) Explain the role of surveyor in valuation of vehicle.
- (d) Write names of any four leading automobile manufacturers in India with their product name.

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

- (a) Draw the sketch for following traffic signs :
  - (i) No Parking
  - (ii) No entry
  - (iii) Right hand curve
- (b) Explain vehicle schedule & trip.

**5. Attempt any FOUR :****16**

- (a) Define terms :
  - (i) Vehicle schedule
  - (ii) Public place
- (b) Explain the importance of vehicle navigation system.
- (c) Describe the importance of GPS in traffic management.
- (d) State any four advantages of smart card.
- (e) What is intelligent transport system ?
- (f) Describe the working of MSRTC.

**6. Attempt any FOUR :****16**

- (a) What are the factors considered for valuation of vehicle ?
  - (b) Write full form of
    - (i) ARAI
    - (ii) CIRT
    - (iii) CRRI
    - (iv) PCRA
  - (c) Write the role of automobile engineer in transport organization.
  - (d) Describe the present status of Indian Automobile Industry.
  - (e) State facility & services provided by VRDE.
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