

# 17616

**21819**

**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.
  - (7) Preferably, write the answers in sequential order.

**Marks**

- 1. Attempt any FIVE of the following: **20****
- a) Define the terms as per MVA-1988:
    - (i) Fitness certificate
    - (ii) Registered laden weight
    - (iii) Pay load
    - (iv) Contract carriage
  - b) State the advantages of road transportation.
  - c) Which motor vehicles are exempted from insurance.
  - d) How the warranty system is useful in case of an accident.
  - e) Explain the use of computer in a bus transport.
  - f) Describe the working of BEST and MSRTC.
  - g) Differentiate between STA and RTA.

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- 2. Attempt any FOUR of the following:** **16**
- a) State the documents required to obtain learner's license.
  - b) What are various factors to be considered while scheduling bus transport operation?
  - c) Prepare a checklist to buy a new motor vehicle.
  - d) Draw a neat sketch of sign – STOP and NO PARKING.
  - e) List four manufacturers of automobiles in India with their two products each.
  - f) State any four objectives of PCRA.
- 3. Attempt any FOUR of the following:** **16**
- a) State four basic elements in transport management.
  - b) Explain the characteristics of efficient goods transport system.
  - c) State the procedure of survey and valuation of vehicle by a surveyor.
  - d) Differentiate between Direct Tax and Indirect Tax.
  - e) Name and sketch any four traffic signs.
  - f) How an Automobile Engineer can improve the efficiency of any transport organization?
- 4. Attempt any FOUR of the following:** **16**
- a) State the procedure and condition for obtaining a permanent licence.
  - b) Describe how will you prepare for selling your old vehicle.
  - c) Draw a general layout of vehicles of Bus depot.
  - d) State the factors to be considered while buying an old vehicle.
  - e) Describe Advance Traffic Control Devices used recently in controlling traffic.
  - f) Explain the role of CIRT in transport management.

- 5. Attempt any FOUR of the following:** **16**
- a) Write down the procedure for transfer of ownership of a vehicle.
  - b) Define the following terms:
    - (i) Log book
    - (ii) Trip Operation Sheet (TOS)
    - (iii) Monthly Operational Performance Sheet (MOPS)
    - (iv) Vehicle Ledger.
  - c) State the functions and role of:
    - (i) ARAI
    - (ii) VRDE
  - d) Explain one time tax. State the effects of Non-payment of tax.
  - e) What do you mean by Insurance. Describe third party insurance.
  - f) Explain the procedure for the change of Registration Mark.
- 6. Attempt any FOUR of the following:** **16**
- a) State the following forms:
    - (i) Form No. 8
    - (ii) Form No. 13
    - (iii) Form No. 20
    - (iv) Form No. 25
    - (v) Form No. 38
    - (vi) Form No. 45
    - (vii) Form No. 48
    - (viii) Form No. L-CON-A
  - b) In case of accident what duties are performed by driver.
  - c) What is meant by global positioning system? State its importance in traffic management.
  - d) Which motor vehicles are exempted from tax?
  - e) Name the particulars to be furnished by the owner of the vehicle, if the vehicle is involved in an accident.
  - f) What factors are considered in preparing accident survey report?
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