

# 17616

16117

**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) 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) Certificate of registration
    - 2) Motor cab
  - (ii) Compare the modes of transportation on the basis of track used and source of energy used.
  - (iii) List the documents used in accident claim procedure.
  - (iv) What is mean by compulsory traffic signs? Give any one example.
- b) **Attempt any ONE of the following:** **6**
- (i) Draw organization structure of MSRTC.
  - (ii) Write the function and role of CIRT and PCRA.

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- 2. Attempt any FOUR of the following:** **16**
- a) Write the age limit for application of learner's license of motor cycle without gears and motor cycle with gear. Also list the documents necessary for it.
  - b) List the evidences which can be provided for proof of address and age.
  - c) List the basic factors considered in bus scheduling.
  - d) What is mean by log book? Write the contents considered in its format.
  - e) What is mean by valuation of vehicle? Write any one method.
  - f) List any four safe driving skills need to be use in driving a vehicle.
- 3. Attempt any FOUR of the following:** **16**
- a) Write the procedure for getting permanent driving licence of a transport vehicle.
  - b) Write the procedure to apply for registration of vehicle for a LMV.
  - c) List basic elements required in transport management.
  - d) List the parameters considered while preparing a layout of bus depot.
  - e) Write the meaning of:
    - (i) Ex-showroom price
    - (ii) On road price
    - (iii) Inspecting a vehicle
    - (iv) test drive
- 4. a) Attempt any THREE of the following:** **12**
- (i) List the duties and responsibilities of conductor.
  - (ii) List the particulars considered in an application for the permit of stage carriage vehicle.
  - (iii) Write the meaning of following terms.
    - 1) fixed cost
    - 2) maintenance cost
    - 3) depreciation cost
    - 4) variable cost

- (iv) Write the meaning of
- 1) Monthly operational sheet
  - 2) Goods consignment note.

- b) **Attempt any TWO of the following:** **6**
- (i) List the various activities which can be performed by an Automobile Engineers in a service industry.
  - (ii) Write the role of VRDE and ARAI.

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

- a) List the important documents required to carry with vehicle for a passenger transport vehicle.
- b) Write the constitution and important function of STA (State Transport Authority)
- c) On which basis vehicles are selected for passenger and goods transport business.
- d) Write the basis of freight calculation in case of goods transport vehicle.
- e) What is the importance of warranty system and protection of law?
- f) Write the care taken while buying a new vehicle from dealers.

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

- a) What is mean by third party insurance and comprehensive insurance of vehicle?
  - b) What is mean by one time tax on non-transport vehicle?  
Write the rate of OTT for motor cycle owned by individual and company.
  - c) Write the various sources to purchase old vehicle from market.
  - d) List the advanced traffic control devices.
  - e) Write the meaning of global positioning system and traffic navigation system.
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