#### Scheme - G

# Sample Test Paper - I

**Course Name: Diploma in Automobile Engineering** 

**Course Code: AE** 

Semester : Sixth 17616

**Subject Title: Transport Management** 

Marks : 25 Time: 1 Hour

#### **Instructions:**

- 1. All questions are compulsory
- 2. Illustrate your answers with neat sketches wherever necessary
- 3. Figures to the right indicate full marks
- 4. Assume suitable data if necessary
- 5. Preferably, write the answers in sequential order

## Q1 Attempt any THREE of the following.

 $(3 \times 3 = 9)$ 

- a) What is the importance of motor vehicle Insurance? Write its two type.
- b) Differentiate between STA and RTA.
- c) Give the size of letters and Meaning of Following registration Mark: MH 31, Q-9999.
- d) What are the objectives of Taxation

## Q2 Attempt any TWO of the following.

 $(4 \times 2 = 8)$ 

- a) Define the terms as per Motor Vehicle Act
  - 1. Contract Carriage 2. Unladen Weight 3. Route 4. Fare
- b) List the documents required for obtaining Learning licence.
- c) Write the Eligibility criteria for acquiring the conductors licence.

## Q3 Attempt any TWO of the following.

 $(4 \times 2 = 8)$ 

- a) Why tax is charged on vehicles? Which vehicle gets tax exemption?
- b) Write the procedure for the registration of vehicle.
- c) Write the Necessity of Permit? List its Different types.

#### Scheme - G

# Sample Test Paper – II

**Course Name: Diploma in Automobile Engineering** 

Course Code: AE

Semester: Sixth 17616

**Subject Title: Transport Management** 

Marks : 25 Time: 1 Hour

#### **Instructions:**

1. All questions are compulsory

- 2. Illustrate your answers with neat sketches wherever necessary
- 3. Figures to the right indicate full marks
- 4. Assume suitable data if necessary
- 5. Preferably, write the answers in sequential order

## Q.1 Attempt any THREE of the following.

 $(3 \times 3 = 9)$ 

- a) List three two wheeler and three four wheeler manufacturer in india.
- b) Write long form of CIRT, PCRA, ARAI
- c) What are the roles played by VRDE for automobile industry
- d) Draw Sketch of one Traffic sign from each Category.

# Q. 2) Solve any TWO of the following.

 $(4 \times 2 = 8)$ 

- a) List the factors to be considered while buying a new Vehicle.
- b) Compare between MSRTC and BEST.
- c) Explain the Importance of Automobile Engineer in transport Management.

# Q.3) Solve any TWO of the following.

 $(4 \times 2 = 8)$ 

- a) What are the Functions of Surveyor?
- b) How the valuation of vehicle is carried out?
- c) Describe the Vehicle navigation system.

#### Scheme - G

# **Sample Question Paper**

**Course Name: Diploma in Automobile Engineering** 

**Course Code: AE** 

Semester: Sixth 17616

**Subject Title: Transport Management** 

Marks : 100 Time: 3 Hours

## **Instructions:**

- 1. All questions are compulsory.
- 2. Illustrate your answers with neat sketches wherever necessary.
- 3. Figures to the right indicate full marks.
- 4. Assume suitable data if necessary.
- 5. Preferably, write the answers in sequential order.

## Q.1 A) Attempt Any THREE

12 Marks

- a) Define the term as per Motor Vehicle Act.
  - i. Motor Vehicle
  - ii. Registered Axle Weight
  - iii. Stage Carriage
  - iv. Invalid Carriage
- b) Write the Necessity of Permit. List the Types of Permit.
- c) State any four objective of taxation.
- d) Mention the duties of conductor of state transport organization.

## Q.1 B) Attempt Any ONE

06 Marks

- a) Describe the procedure to obtain a permanent driving licence.
- b) Describe the basic elements in transport management.

## Q.2 Attempt Any FOUR

16 Marks

a) Observe the Vehicle Registration plate and answer the following questions.



- i. What does A and B Represents in Vehicle Registration Plate Shown above.
- ii. Write the Color Code for the Vehicle Registration plate for Private and Transport Vehicle. (Background and Letter Color)
- b) Describe the Certificate of fitness for transport vehicles.
- c) Define the terms:
  - i. Public Service Vehicle
  - ii. Fare
  - iii. Depot
  - iv. Transport Vehicle
- d) Differentiate between the STA and RTA.
- e) What is Insurance? Discuss the importance of comprehensive Insurance.
- f) List any four Documents used in transportation. Write importance of Goods Consignment Note.

## Q.3 Attempt Any FOUR

16 Marks

- a) State the procedure to prepare the accident survey report.
- b) State the basic factor in Bus scheduling.
- c) Describe the importance of crew scheduling in transport organization.
- d) List three types of Bookings. Describe any one.
- e) What infrastructural facilities are required at Depot?

## Q.4 A) Attempt Any THREE

12 Marks

- a) What factors are to be considered while buying a used vehicle?
- b) Write the factors considered for valuation of Vehicle.

- c) How the warranty system is useful in case of an accident.
- d) Write the Full Form of
  - i. ARAI
  - ii. CIRT
  - iii. CRRI
  - iv. PCRA

## Q.B) Attempt Any ONE

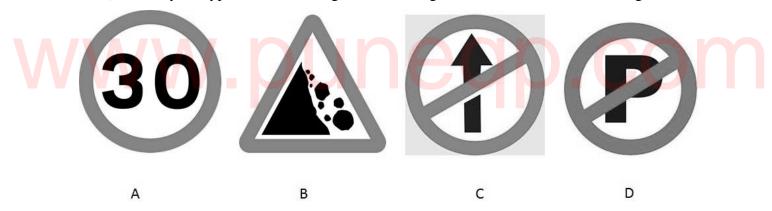
06 Marks

- a) Write the procedure for Transfer of ownership in case of death of registered owner.
- b) Write the procedure for freight calculation for hiring a truck.

# Q.5 Attempt Any FOUR

16 Marks

- a) What preparations are required before selling a vehicle?
- b) Describe the importance of Global Positioning system in traffic Management.
- c) Identify the type of the traffic signs shown in figure below and write its meaning.



- d) How a Navigation System is useful in controlling the traffic?
- e) How a smart Card differs from an ordinary document?
- f) Describe the present status of Indian Automobile Industry.

## Q.6 Attempt Any FOUR

16 Marks

- a) Prepare a checklist to buy a New Motor Vehicle
- b) State facility and services provided by VRDE.
- c) Write the four functions of CIRT.
- d) Write the Role of Automobile Engineer in transport organization.
- e) Describe the working of MSRTC.