

(3Hrs)

80 Marks

- N.B.:** (1) Question No. 1 is compulsory.  
 (2) Attempt any 3 questions out of 5 questions.  
 (3) Figures to the right indicates full marks.  
 (4) Illustrate your answers with sketches wherever necessary.

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|-----|---|----|
| Q.1 | Solve any four from remaining in six questions                                | 20 |
| a)  | Explain Registration Mark system of Passenger car and Transport Vehicle       | 05 |
| b)  | What are the advantages of Signals & controls                                 | 05 |
| c)  | Explain procedure of obtaining Driver's License                               | 05 |
| d)  | Write a note on Bus Transport Fares   | 05 |
| e)  | What are the duties of Surveyor and Loss assessor?                            | 05 |
| f)  | Explain Straight Line Scale Method and Tapered Scale Method                   | 05 |
| Q.2 |   | 20 |
| a)  | List out the different Offences and Penalties as per the Motor Vehicle Act    | 10 |
| b)  | Explain the working of research organizations any one in detail               | 06 |
| c)  | Discuss procedure of claiming compensation for accidental Vehicle             | 04 |
| Q.3 |   | 20 |
| a)  | Explain various types of bookings in Goods Transport Organization             | 10 |
| b)  | Explain the Bus and crew scheduling procedure of STU                          | 05 |
| c)  | Explain various Requirements and Problems on fleet management                 | 05 |
| Q.4 | Write a detail note on Traffic navigation and Global positioning system       | 20 |
| a)  | State and explain the Rules regarding safety of vehicles.                     | 10 |
| b)  | Explain Marketing and Servicing Divisions of Motor Industry                   | 10 |
| Q.5 |   | 20 |
| a)  | Describe the procedure of Transfer of ownership of Vehicle                    | 10 |
| b)  | Explain the significance of Bus Depot along with Layouts.                     | 10 |
| Q.6 | Solve any four from remaining in six questions                                | 20 |
| a)  | Compare between Rural Transport and Urban Transport                           | 05 |
| b)  | List and explain basic elements of Transport system                           | 05 |
| c)  | Write a note on Third Party Insurance   | 05 |
| d)  | Define Articulated Vehicle, Invalid carriage                                  | 05 |
| e)  | List and Explain the various Modes of Transport                               | 05 |
| f)  | state functions of State Transport Authority And Regional Transport Authority | 05 |