**BECS5-IV**

**Seventh Semester B. Tech Civil Engineering**

**Examination Aug/Sep-2015**

**Highway Maintenance & Management System**

**Time:-3Hours Max. Marks: -75**

**SECTION-A**

**Answer any five questions. (5\*5)**

1. Define the Jayakar Committee.
2. What do you mean by Rolling Resistance?
3. Enlist the advantages of Mini- Roundabouts.
4. Mention the main recommendations of the NTPC.
5. Define the Transition Curves.
6. Comment on the Vehicle Characteristics.
7. Point out the drawbacks of NTPC Recommendations.

**SECTION-B**

**Answer any two questions. (10\*2)**

1. Give a detail account of the various Transport Modes of India.
2. What are the General Controls for Horizontal Alignment?
3. Enlist and describe the types of Design Vehicles.

**SECTION-C**

**Answer any two questions. (15\*2)**

1. Give an overview of the Development of Roads in India after Independence.
2. Elaborate the concept of Motor Vehicle Population and its Growth.
3. Classify the rural highways adopted in India on the basis of its various Classes.