

Seat No.	
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**B.E. (Civil) (Part - II) (Semester - VIII) Examination,  
April - 2017**

**TRANSPORTATION ENGINEERING**

**Sub. Code : 67750**

**Day and Date : Saturday, 29 - 04 - 2017**

**Total Marks : 100**

**Time : 02.00 p.m. to 05.00 p.m.**

- Instructions :**
- 1) Attempt Any **THREE** questions from section I & section II **EACH**.
  - 2) Make suitable assumptions **WHEREVER** necessary & state them clearly.
  - 3) Figures to the **RIGHT** indicate **FULL** marks.

**SECTION - I**

- Q1)** a) State aims & objectives of Town Planning. [8]  
b) State the factors to be considered for selection of site for an Ideal Town. [8]
- Q2)** a) Enlist the Functions of State Housing Board. [8]  
b) State meaning of Slum & causes of Slums. [8]
- Q3)** a) Explain Necessity of Land Acquisition Act. [8]  
b) Explain Necessity of Recreational Facilities & Types of Recreation Systems. [8]
- Q4)** Write a Short Note On (ANY THREE) [18]  
a) Housing Problems in India  
b) Aesthetics of Town Planning  
c) Cul-de-Sac  
d) Development Plan

**P.T.O.**

**SECTION - II**

- Q5) a)** What is Permanent way. State the requirements of a Good Track. [8]
- b)** Draw a Neat sketch of B.G. Single Line Track in Cutting Indicating all Components. [8]
- Q6) a)** What are the functions of Points & crossings with neat Sketch. [8]
- b)** Explain different types of Station Yards. [8]
- Q7) a)** Enlist the different type of Loadings used for designing a Bridge. [8]
- b)** Enumerate the various bridges with movable-span-structures necessary. [8]
- Q8) Write a Short Note On (ANY THREE) [18]**
- a)** Culvert
- b)** Bridge Bearing-Objectivs & Types.
- c)** Turnout -sketch Right-hand turnout
- d)** Maintenance of Bridges

