

K – 1030

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Seat No.	
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B.E. (Civil) (New) (Semester - VIII) Examination, 2013
TOWN PLANNING AND TRANSPORTATION ENGINEERING
Sub. Code : 49173

Day and Date : Tuesday, 14 - 05 - 2013

Total Marks : 100

Time : 2.30 p.m. to 5.30 p.m.

- Instructions :**
- 1) Attempt any three questions from Section-I and Section-II each.
 - 2) Figures to right indicates full marks.
 - 3) Draw neat sketches wherever necessary.
 - 4) Assume suitable data, wherever necessary.

SECTION - I

- Q1) a) Describe town planning in ancient India with illustrative examples. [8]**
b) What are the objects of town planning? Enlist guiding principles of town planning? [8]
- Q2) a) What are the important features to be considered in the selection of site for an ideal town? Describe them in detail. [9]**
b) Differentiate between Green Belt and Zoning, Natural growth and Planned Growth, Horizontal Growth and Vertical Growth. [9]
- Q3) a) Describe your ideas in detail for planning a village to be ideal. [8]**
b) Explain in brief the salient features of MRTP Act 1966. Describe development plan in detail. [8]
- Q4) Write detailed notes on any four : [16]**
- a) Decentralised concept in multilevel planning.
 - b) Town Aesthetics.
 - c) Contribution of Ebenezer Howard in town planning.
 - d) Satellite towns.
 - e) Town planning schemes in MRTP Act 1966.

P.T.O.

SECTION - II

- Q5)** a) What is 'Permanent Way'? Draw a neat sketch showing components of a B.G. Track with dimensions. [8]
b) Sketch a typical layout of Terminal Station. Give classification of station yards. [8]
- Q6)** a) Classify the railway signals in detail state where detonating signals are used. [9]
b) Describe three stages of construction of a railway track. [9]
- Q7)** a) What are the aspects to be studied while aligning a bridge? Describe in detail. [8]
b) Draw a typical sketch of a bridge and state the function of its each component in detail. [8]
- Q8)** a) What is the importance of bearings? Enlist different types of bearings. Describe any one of them in detail. [8]
b) Mention the aspects to be considered during the bridge maintenance. [8]

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