



KC-8059
B. E. II (Sem. III) (Civil) Examination
November/December – 2012
Building & Town Planning
(New Course)

Time : 4 Hours]

[Total Marks : 100

Instructions :

(1)

<p>नीचे दशांश देव निशान्नीवाणी विगतो उत्तरवडी पर अवश्य बपनी. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination : B. E. II (Sem. III) (Civil)</p> <p>Name of the Subject : Building & Town Planning (New)</p> <p>Subject Code No. : 8 0 5 9 Section No. (1, 2,.....): Nil</p>	<p>Seat No. : <input type="text"/><input type="text"/><input type="text"/><input type="text"/><input type="text"/><input type="text"/></p> <div style="border: 1px solid black; border-radius: 15px; padding: 10px; text-align: center; margin-top: 10px;">Student's Signature</div>
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- (2) Figures to the right indicates full marks.
- (3) Give all dimension in figure.
- (4) Weightage will be given to neatness.
- (5) Assume suitable data if necessary and state clearly.

- 1 (a) Design and draw plan of a row-house type building 10
having plot area 130 m². Road is at south of plot.
Provide
- (i) Living room
 - (ii) Kitchen cum dining
 - (iii) Store
 - (iv) Master bed room
 - (v) Common bath and W.C.
 - (vi) Stair case
- Consider margin built up area as per prevailing regulations.
- (b) Draw elevation of building. 6
- OR**
- (b) Draw section showing maximum details.
- (c) Draw furniture layout of bed room. 6

- 2 (a) Enlist principles of architecture and explain any two. 5
(b) Explain points to be considered to make earthquake resistant at the time of planning. 5

OR

- (b) Explain the needs of a post office as per planning point of view. Suggest approximate sizes of various units.
- 3 (a) Attempt any two of the following : 8
(i) Discuss bye-laws for height of building and plinth.
(ii) Discuss bye-laws related to stair case.
(iii) What is F.S. I ? What is important of it.
(b) Design and draw a bank for a city. Take size of units as per normal requirements of public building. 10
- 4 (a) Explain the concept of satellite town in detail. 10
(b) Explain methods and importance of various surveys in town planning. 10

OR

- (b) Discuss in detail garden city.
- 5 (a) Critically discuss growth of population and its context in town planning. 10
(b) Write short notes : (any four) 20
(i) Population scenario of past and future in India.
(ii) Neighbourhood
(iii) Grid Iron Pattern
(iv) Town Planning in Ancient India
(v) Slums
(vi) Urbanization in India.