



RN-7347

B. E. - IV (Sem. VII) (Civil) Examination

May / June - 2010

Town Planning & Housing

Time : 3 Hours]

[Total Marks : 100

Instructions :

(1)

नीचे दृष्टावेव निशानीवाणी विगतो उत्तरवडी पर अवश्य लखवी.
Fillup strictly the details of signs on your answer book.

Name of the Examination :
B. E. - 4 (Sem. 7) (Civil)

Name of the Subject :
Town Planning & Housing

Subject Code No. : 7 3 4 7 Section No. (1, 2,.....): 1&2

Seat No. :

Student's Signature

- (2) Attempt all the questions.
(3) Assume suitable data wherever necessary.
(4) Figures to the right indicate full marks.

SECTION - I

- 1 (a) Answer in one sentence or so : 5
- (i) What do you understand by CUL-DE-SAC streets?
- (ii) Give the name of town planner who has planned Chandigarh.
- (iii) What is urban area?
- (iv) Give full form of EWS.
- (v) Which authority duly approve and sanction the development plan of urban area?
- (b) Discuss classification of town according to origin. 5
- (c) Discuss salient features of town development in Mohenjo-Daro. 5

- 2 (a) Discuss the term "Town Planning". Also discuss principles of town planning. 8
- (b) Discuss importance and objectives of development plan. 7

OR

- (b) Explain the term "urbanisation". Discuss causes and impact of urbanisation. 7
- 3 Attempt any **four** : 20
- (i) Gandhinagar Master plan
- (ii) Garden City concept
- (iii) Difference between evolved town and planned town.
- (iv) Patrick Geddes's contribution
- (v) Zoning.

SECTION - II

- 4 (a) Select suitable option for the following : 5
- (i) Minimum width of road in T.P. area is
- (a) 6.00 m
- (b) 7.5 m
- (c) 9.00 m
- (d) 10.5 m
- (ii) In residential development normally percentage of COP provided is
- (a) 5%
- (b) 10%
- (c) 8%
- (d) 20%
- (iii) Full form of COP is
- (a) Central opening place
- (b) Central open plot
- (c) Common open place
- (d) Common open plot.

- (iv) What is the most ideal density population for T.P. scheme ?
 - (a) 100 persons/hectare
 - (b) 200 persons/hectare
 - (c) 250 persons/hectare
 - (d) 500 persons/hectare
- (v) Development plan of urban area is duly approved and sanctioned by
 - (a) The municipalities
 - (b) The urban planning authority
 - (c) The state government
 - (d) The develop corporation.
- (b) Explain principles of neighbourhood. 8
- (c) Enlist the network services. Explain the importance of water supply network in growth of city development. 7

OR

- (c) Explain the characteristics of C.B.D. and discuss the major problems in this area.
- 5** Design a neighbourhood unit for the following data : **15**
 - Population = 7000
 - Density = 300 ppha
 - Family size = 5
 - 50% LIG, 30% MIG, 20% HIG
 - Find out residential needs. Describe other amenities to be provided.
- 6** Attempt any **three** : **15**
 - (i) Low cost housing techniques
 - (ii) CIVIC survey
 - (iii) Impacts of industrialisation
 - (iv) Private sector and public sector of housing
 - (v) Slum upgradation programme.