



RM-7603

B. Arch. IV (Sem. VIII) Examination

May / June – 2010

Urban Planning & Management

Time : 3 Hours]

[Total Marks : 100

Instructions :

(1)

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fillup strictly the details of signs on your answer book.

Name of the Examination :
B. Arch. 4 (Sem. 8)

Name of the Subject :
Urban Planning & Management

Subject Code No. : 7 6 0 3 Section No. (1, 2,.....): Nil

Seat No. :

Student's Signature

- (2) Figures to the right indicate full marks.
- (3) All questions have to be attempted in one answer books.
- (4) Neat sketches or illustrations shall carry more credentials.

Q1. 20
(a) Fill in the blanks 10

- 1 _____ Sq km area is covered under Surat Urban Development Authority and total area of Surat city _____ sq. km under Municipal Corporation
- 2 Well known Town Planner _____ visited India in 1915 to advise the Governor of _____ Lord Pentland on the re-planning and redevelopment of some of the old towns.
- 3 Infrastructure can be define as _____
- 4 To indicate residential land use _____ colour is used while preparation of D.P. and approximate % of land allotted is _____
- 5 _____ process is a relatively faster process than T.P. schemes process. But _____ have no say in process
- 6 According to _____, Local authorities were give power to prepare T.P. Scheme and UDA was constituted by the Govt. of Gujarat under the provision of Gujarat Town Planning and Urban Development Act, 1976

- (b) . True or False** 10
- 1 A partially treated centralized water supply system indicates a population of 1 - 1.5 Lakh.
 - 2 Urban village is created around pedestrian streets, side walks, public squares and parks.
 - 3 A Metro of One million population should have a sewerage collection and treatment up to secondary level before letting water into rivers or lakes.
 - 4 Classification of urban bodies can be based on occupation geographical location, degree of urbanisation etc.
 - 5 Any city located above 1000m can be categorized as a hill city.
- Q 2 Answer in detail** 20
- (a) Describe land use planning. What are the major land uses in preparation of D.P., and also indicate the different colours indication used in preparation of map. 10
 - (b) In the context of Urban village as a concept, Discuss the following phrase with examples as to how: “ Cities that encourage walking (in comparison to vehicular movement) and the chance to encounter human beings, foster creativity of wealth and well being? 10
- Q.3 Attempt any two** 20
- (a) Discuss the contemporary Town Planning process in India. 10
 - (b) Define Infrastructure and the importance of physical and social infrastructure development in city planning. 10
 - (c) What are the objectives and requirements in preparation of Master Plan or Development Plan of any city in present planning process and mechanism 10
- Q.4 Attempt any one in detail with sketches** 10
- (a) Explain with case study : management system of solid waste at city level 10

Or

(b) Explain the basic classification of urban growth pattern

Q.5 Short notes any four

20

- (a) Classification of urban bodies can be based on occupation geographical location, degree of urbanization. Discuss any one city of India in the context as above.
- (b) Discuss the layout of ancient Varanasi city with the cosmographic climatic consideration of it's layout.
- (c) Discuss the regulations and hierarchy for transportation network that is followed in the Indus era.
- (d) What is the difference between the European squares and the Islamic squares in ancient times?
- (e) Discuss the Land-use based theories of city planning in the 18th & 20th Century Industrial Europe.

Q.6 Attempt any one

10

- (a) If a town is above one million population what are the basic level of physical infrastructure provision that is compulsory for it's provision? **10**

Or

- (b) At what population count is a place designated as a Metro city? Which are the basic infrastructure provisions which need to be provided to a Metro city?