

**BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI  
(END SEMESTER EXAMINATION)**

**CLASS: B.ARCH  
BRANCH: ARCHITECTURE**

**SEMESTER : VII/ADD  
SESSION : MO/19**

**SUBJECT: AR7303 HOUSING AND SETTLEMENT SYSTEMS**

**TIME: 3:00 HOURS**

**FULL MARKS: 60**

**INSTRUCTIONS:**

1. The question paper contains 7 questions each of 12 marks and total 84 marks.
  2. Candidates may attempt any 5 questions maximum of 60 marks.
  3. The missing data, if any, may be assumed suitably.
  4. Before attempting the question paper, be sure that you have got the correct question paper.
  5. Tables/Data hand book/Graph paper etc. to be supplied to the candidates in the examination hall.
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- Q.1(a) Define Institutional Households and Communal Establishments. [2]  
Q.1(b) Outline some of the initiatives taken by the government of India for improving urban housing scenario. [4]  
Q.1(c) Compare the advantages and disadvantages of: a) Detached & b) Row housing. [6]
- Q.2(a) List the different sources of housing finance. [2]  
Q.2(b) What are the steps for calculating housing shortage, both qualitatively and quantitatively, for an urban settlement? [4]  
Q.2(c) Point out the significant changes in approach of public/social housing in India together with reference to the global scenario during 1980's. [6]
- Q.3(a) List different approaches for slum improvement undertaken by government post-independence in India. [2]  
Q.3(b) List the major ongoing and past central government programmes/ means for dealing with slums in India. [4]  
Q.3(c) Discuss some of the design & Planning issues related to generic needs of slum residents that you would consider for different aspects of housing together with possible/preferred solutions. [6]
- Q.4(a) Outline the overall aim of NUHHP, 2007. [2]  
Q.4(b) List the 'specific areas' of action contained in the National Urban Housing and Habitat Policy of India. [4]  
Q.4(c) Point out the action that the government deems fit to be taken as per the National Urban Housing and Habitat Policy, 2007 of India for the following listed specific areas: [6]  
a) Land  
b) Technology support and its transfer.
- Q.5(a) Which articles of the Indian constitution calls for the constitution of committee for District and Metropolitan Planning? [2]  
Q.5(b) Differentiate and indicate the inter-relationship amongst the various kinds of urban development plans that the Ministry of Urban affairs, Government of India suggests for preparation. [4]  
Q.5(c) Briefly discuss the contents of Development Plan. [6]
- Q.6(a) Differentiate between net residential density and gross residential density for any urban settlement. [2]  
Q.6(b) What is Land-use classification? What is its purpose? [4]  
Q.6(c) Outline the means of regulating housing development projects. [6]
- Q.7(a) Differentiate between cluster and neighbourhood. [2]  
Q.7(b) State the view of United Nations on the concept of "Quality Housing". [4]  
Q.7(c) Identify and discuss various norms affecting housing quality. [6]

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