

JK LAKSHMIPAT UNIVERSITY, JAIPUR

INSTITUTE OF ENGINEERING AND TECHNOLOGY

End Term Examination , Nov. 2017 (Backlog)
B. Tech in Civil Engineering, Semester V

Roll No.....

CE512: Urban and Regional Planning

Time: 3 hours

Max. Marks: 100

Instructions to students:

1. Do not write anything other than your roll number on question paper.
2. Assume suitable data wherever required and mention it clearly.
3. Writing appropriate units, nomenclature, and drawing neat sketches/schematics/ flow chart wherever, required are an integral part of the answer.

Q.1A Objective type multiple choice questions (10 questions @ 1 mark)

10

- i. Which of these was NOT a major problem with the suburban development model?
 - (a) It consumed valuable farmland and sensitive ecological areas
 - (b) It created social inequality
 - (c) It increased emissions from automobile travel
 - (d) It drew people out of declining city cores
- ii. According to the author, which of the following statements is true?
 - (a) The world is completely different today, and there are few important lessons to learn from history
 - (b) The patterns of historical urbanism offer useful lessons today.
 - (c) We must copy the styles of historical urbanism.
 - (d) The most important thing about urban design is the excitement of a new artistic vision.
- iii. State Finance Commission is appointed by a State Government every five year to determine –
 - (a) Financial resources of the state for placing state's requirements before the Union Government
 - (b) Development requirements of the state for formulating State Five Year Plan
 - (c) Budgetary requirements of various departments of the state government
 - (d) Pattern of distribution of state's tax revenue between the state government and local bodies (both rural and urban) and the pattern of grant-in-aid to local bodies
- iv. An early use of the City Beautiful idea with the intent of creating social order through beautification was the:
 - (a) McMillan Plan
 - (b) Louisiana Purchase Exposition
 - (c) World's Columbian Exposition
 - (d) None of these

- v. Chandigarh, the dream city of India's first Prime Minister, Sh. Jawahar Lal Nehru, was planned by the:
 - (a) Polish architect Maciej Nowicki
 - (b) American planner Albert Mayer
 - (c) Swiss-French architect Le Corbusier
 - (d) None of these
- vi According to 73rd Constitutional Amendment Act, the minimum age for contesting elections to the Panchayati Raj Institutions should be –
 - (a) 18 years
 - (b) 23 years
 - (c) 21 years
 - (d) 25 years
- vii Eleventh Schedule of the Constitution relating to the Panchayats contains –
 - (a) 18 items
 - (b) 28 items
 - (c) 19 items
 - (d) 29 items
- viii URDPFI stands for
 - (a) Urban and Regional Development Plans Financing & Implementation
 - (b) Urban and Regional Development Plans Formulation & Implementation
 - (c) Urban and Rural Development Plans Formulation & Implementation
 - (d) Urban and Rural Development Plans Financing & Implementation
- ix Garden cities were
 - (a) A humane response to real problems in industrial cities.
 - (b) Based on segregation of people and functions.
 - (c) A model for modern low-density suburbs.
 - (d) All of the above
- x Around ----- B.C. cities of Mohenjodaro and Harappa came into being in the valley of Indus river:
 - (a) B.C. 250
 - (b) B.C 2500
 - (c) B.C. 1000
 - (d) B.C. 3500

- Q.2 Short answer type questions (4 questions @ 2.5 marks) 10
 Explain the following briefly w.r.t. growth of town:
 - a. Horizontal growth
 - b. Vertical growth
 Explain the following w.r.t. Rural settlement:
 - a. Nucleated settlement
 - b. Hamleted settlement
- Q.3A Explain the factors are to be considered for assessing the economic worth of town planning. 05
- Q.3B Explain the various pattern of natural growth of town. 05

- Q.4A Differentiate the following: 05
- Density zoning and Height Zoning
 - Gross density of population and net density of population
- Q.4B Discuss in detail "the stages in town development" according to various thinkers. 05
- Q.5A Discuss in detail the Roles and responsibilities of an Urban Planner. 05
- Q.5B Discuss the various forms of planning in order to maintain the continuity in the planning process. 05
- Q.6A Discuss the various adverse effect of Urbanization. 05
- Q.6B Can one imagine the presence of only one-function town? Why do the cities become multi-functional? 05
- OR
- Q.6B Answer the following questions in about 50 words: 05
- How can one identify an urban agglomeration?
 - What are metropolitan cities? How are they different from urban agglomerations?
- Q.7A Broadly classify and explain the factors as the main reasons causing rural urban migration. 05
- Q.7B Technology is a great benefit for urban design and urban planning, than explain how technology can improves the Urban Design? 05
- OR
- Q.7B Write short note on the following: 05
- Mesopotamian Civilization
 - Egyptian Civilization
- Q.8A Explain in detail the Concept, Basic Characteristics & Preparation of Master Plan for a city. 10
- Q.9A Explain the following concept briefly : 10
- City Beautiful movement
 - Garden City
- Q.9B In 1989, the central government introduced two constitutional amendments. These amendments aimed at strengthening local governments and ensuring an element of uniformity in their structure and functioning across the country. What are those constitutional amendment acts, explain each in detail. 10
- OR
- Q.9B Discuss the following in detail: 10
- SEZ(special economic zones)
 - DMIC(Delhi-Mumbai industrial corridor)