

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

**CLASS: BARCH
BRANCH: ARCHITECTURE**

**SEMESTER : VIII
SESSION : SP/19**

SUBJECT: MUP3109 CITY AND METROPOLITAN PLANNING

TIME: 3 HRS

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 the terms i) Notified Area Committee and ii) Cantonment Board. | [2] |
| Q.1(b) Cities are engines of economic growth. Justify. | [4] |
| Q.1(c) How the Human settlements are classified across a region? | [6] |
| Q.2(a) Outline the major evils of a big city. | [2] |
| Q.2(b) Discuss the world trends related to Urbanisation. | [4] |
| Q.2(c) Explain the impact of industrial revolution on urbanization. | [6] |
| Q.3(a) Explain mono-centric and poly-centric metropolitan regions with suitable examples. | [2] |
| Q.3(b) Why it is important to plan for informal sector for sustainable development of metropolitan region? | [4] |
| Q.3(c) What are the basic planning issues in a metropolitan area? | [6] |
| Q.4(a) Examine how the multiplicity of agencies with overlapping jurisdiction jeopardizes the development of metro cities. | [2] |
| Q.4(b) Explain in detail urban basic services required for metropolitan cities and identify the gaps. | [4] |
| Q.4(c) What are the salient features about the population and community structure of a metropolitan area? | [6] |
| Q.5(a) Suggest few measures to decentralize Metropolitan growth with suitable examples. | [2] |
| Q.5(b) Name the recent schemes launched by Government of India in addressing various urban development issues. Discuss the salient features of these schemes. | [4] |
| Q.5(c) Any given metropolitan area exhibits special planning issues. Discuss. | [6] |
| Q.6(a) Define a Central Business District (CBD). | [2] |
| Q.6(b) Discuss the role of Transit Oriented Development (TOD) in Channelizing the growth of metropolitan region? | [4] |
| Q.6(c) Central area requires unique planning element. Elaborate. | [6] |
| Q.7(a) What are the assumptions made in Christaller's central place theory? | [2] |
| Q.7(b) Explain the Christaller's CPT based on marketing principle (k=3). | [4] |
| Q.7(c) Name the functions of municipality as per the 74 th Amendment Act. | [6] |

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