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Total No. of Pages : 02

Total No. of Questions : 10

M. Planning (Sem.-2)

Subject Code : UC-MURP-204-19

M.Code : 77977

Date of Examination : 19-12-2022

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. Students have to attempt 5 questions from the following, at least 1 from each unit.
2. All questions carry equal marks.

UNIT-I

1. What are the objectives of providing Utilities and Services in city planning? Discuss at least two policies that have been provided to meet these objectives.
2. What is CPHEEO and its role in Environmental planning of a city?

UNIT-II

3. Discuss Urban water cycle in detail. Also elaborate on how to control floods in an urban area.
4. Write in detail about various techniques of providing low cost sanitation in a rural area. Also, discuss how to maintain quantity and quality of water in a residential area?

UNIT-III

5. What are the characteristics of Solid Waste? Write in detail on processing and treatment methods of Solid Wastes.
6. What do you understand by service level benchmarks? Elaborate in detail on MSWM rules 2000 and Environment policy.

UNIT-IV

7. Write in detail on Urban Energy systems and National policy of India on Energy.

8. Write short note on any two of the following :
- a) Macro verses micro grid,
 - b) Renewable sources of energy in India,
 - c) Role of Tele-communication networks in urban energy system

UNIT-V

9. Write in detail on Public Private Partnerships and its significance in development of regional infrastructure.
10. Write short note on **any two** of the following:
- a) Characteristics of National and State highways
 - b) Traffic management scheme of a city of your choice

NOTE : Disclosure of Identity by writing Mobile No. or Marking of passing request on any paper of Answer Sheet will lead to UMC against the Student.