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MEVE-016

**M. SC. (ENVIRONMENTAL SCIENCE)
(MSCENV)**

**Term-End Examination
December, 2022**

MEVE-016 : URBAN ENVIRONMENT

Time : 3 Hours

Maximum Marks : 100

Note : (i) Answer any *ten* questions.

(ii) All questions carry equal marks.

1. What is sustainable city planning ? Why is it essential for sustainable development ? Explain. 2+8
2. Explain the interdisciplinary meaning of urban ecology. 10
3. What do you mean by urban poverty ? What are its characteristics ? 3+7
4. Describe the types of urban forests. 10

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5. Explain the growth of towns and cities on the basis of their origin. 10
6. Explain any *two* initiatives/programmes taken up by the government to protect the urban wetlands for India. 10
7. Elaborate the economic and social benefits of green infrastructures. 5+5
8. Discuss the intra-city and inter-city transport and mobility issues in cities. 10
9. Write short notes on the following : 5+5
 - (a) Climate resilient cities
 - (b) Sustainable urban transport
10. How do you define 'slums' ? Briefly explain any *two* possible measures for slum redevelopment. 2+8
11. Explain the challenges posed by unplanned urbanization. 10
12. How improper land use in urban areas leads to environmental disturbances ? Explain with suitable examples. 10

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13. Describe in details the features of urban biodiversity. 10

14. Write short notes on the following : 5+5

(a) Basic bid rent theory

(b) Rent gradient