

**2022/TDC (CBCS)/EVEN/SEM/  
EESHCC-402T/101**

**TDC (CBCS) Even Semester Exam., 2022**

**ECOLOGY AND ENVIRONMENTAL SCIENCE  
( Honours )**

**( 4th Semester )**

**Course No. : EESHCC-402T**

**( Urban Ecosystems )**

**Full Marks : 50**

**Pass Marks : 20**

**Time : 3 hours**

***The figures in the margin indicate full marks  
for the questions***

**SECTION—A**

**Answer any ten of the following questions :**

**2×10=20**

- 1. Define urbanization.**
- 2. Define urban sprawl.**
- 3. Define green belt.**

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4. Give one example of city as source of resources.
5. Give one example of city as source of sink.
6. What is urban transformation?
7. What are slums?
8. Name two town planning acts.
9. Define energy consumption in urban areas.
10. What is management of urban environment?
11. Name two alternative resources.
12. Name one challenge associated with sustainability and urban future.
13. Mention two benefits of environmental management.
14. Define urban governance.
15. What are green buildings?

( 3 )

SECTION—B

Answer any *five* of the following questions : 6×5=30

16. Describe the environmental issues associated with urban sprawl.
17. What is the scope, importance and threats to nature in the city?
18. Discuss urban pollution with examples.
19. Describe the ecological and economic perspectives of resource consumption.
20. Discuss the environmental costs of urban infrastructure.
21. What do you understand by commodification of nature in urban setting?
22. Discuss the role of urban settings as a loci of sustainability.
23. Discuss how urban environmental management can be achieved.
24. Discuss the concept and benefits of smart cities.
25. What are the political complexities of applying ecological science to urban policy and planning?

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