TDC Even Semester Exam., 2019

ECOLOGY AND ENVIRONMENTAL SCIENCE

(Honours)

(4th Semester)

Course No. : EESH–403

(Urban Ecosystems)

Full Marks : 35

Pass Marks : 12

Time : 2 hours

The figures in the margin indicate full marks for the questions

Answer **five** questions, taking **one** from each Unit

UNIT—I

1. What is urbanization? Discuss critically different environmental issues related to urbanization. 2+5=7

2. What is the role of green spaces in maintaining quality urban environment? 7

UNIT—II

3. What do you mean by resource consumption in an urban ecosystem? What are the social and cultural perspectives of resource consumption? 2+5=7

4. "Man is the driver of urban ecosystem." Explain the statement. 7

UNIT—III

5. Describe different housing scenarios in large, medium and small cities with suitable examples. 7

6. Narrate the role of Town Planning Acts in urban environmental management. 7

UNIT—IV

7. Define the concept of sustainability. Discuss different challenges associated with sustainable urban development. 2+5=7

8. What do you understand by alternative resources? What are the roles of alternative resources in urban environment management? 2+5=7

UNIT—V

9. Discuss how historical and contemporary perspective help in urban planning. 7

10. What are green buildings? How does it help in reducing consumption of resources? 3+4=7

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