TDC (CBCS) Odd Semester Exam., 2020
held in March, 2021

ECOLOGY AND ENVIRONMENTAL SCIENCE

(5th Semester)

Course No. : EESDSE-501T

(Ecology and Environment)

Full Marks : 50
Pass Marks : 20

Time : 3 hours

The figures in the margin indicate full marks for the questions

SECTION—A

Answer any *fifteen* of the following questions : 1×15=15

1. Define thermal energy.

2. What are non-renewable resources?

3. What type of energy do human use?

4. Write the names of two pollution-free energy sources.

SECTION—B

Answer any *five* of the following questions : 2×5=10

31. Write the difference between renewable and non-renewable energy resources.

32. Mention at least four points related to energy conservation strategies in rural India.

33. How do energy subsidies lead to increasing pollution?

34. Why is energy demand increasing in agriculture?

35. Write the impacts of air pollution on wild animals.

36. Explain how social inequalities work in energy consumption.

37. State four major impacts of construction of dams.

38. How can energy over-consumption be reduced?

39. What are the management strategies that help to conserve energy for future use?

40. Explain two alternative sources of energy that minimize environmental pollution.

SECTION—C

Answer *any* **five** questions

41. Describe the present energy use scenario of rural India. 5

42. Describe the different sources of energy with their conservation measures. 5

43. Describe the energy used by industrial and agricultural sectors in India. 5

44. Explain the changes occurred in world economies by renewable and non-renewable energies. 5

45. Describe the problems faced by environment due to fossil fuel burning. 5

46. Describe the impacts of social inequalities on energy production and its uses. 5

47. Explain the different drivers of energy for which environment is changing. 5

48. Describe the impacts of energy over-consumption on environment in world economy. 5

49. Explain the current energy use pattern in India. 5

50. What is energy efficiency? Describe the best method of sustainable energy use pattern from future perspective. 1+4=5

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