

Total No. of Questions : 4]

SEAT No. :

[Total No. of Pages : 2

F.Y. B.Sc. (Regular) / F.Y. B.Sc(Comp. Sci.)

**VEC – 151-T : Environment Education - II
(NEP 2024 Pattern) (Semester-II)**

Time : 2 Hours]

[Max. Marks : 30

Instructions to the candidates:

- 1) *All questions are compulsory.*
- 2) *Figures to the right indicate full marks*
- 3) *Draw neat labeled diagrams wherever necessary.*

Q1) Answer the following in one sentence (any four) :

[4]

- a) What is acid rain?
- b) What is the main cause of marine pollution?
- c) Natural resources.
- d) What is full form of EIA?
- e) Name the process by which plants make their food.

Q.2) a) Answer the following (any one)

[5]

- i. Give a detailed account of the causes, effects and control measures of water pollution in India. Include examples from Maharashtra.
- ii. Discuss the concept of waste management. Explain the principles of Reduce, Reuse and Recycle (3R) with suitable Indian examples.

b) Answer the following (Any one)

[3]

- i. Write a note on solar energy: its advantages, limitations and applications.
- ii. What is environmental impact assessment (EIA)? Explain its significance with steps involved.

Q3) a) Answer the following (any one)

[5]

- i. What is climate change? Explain its global and local impacts on agriculture, human health and biodiversity. Suggest mitigation strategies.
- ii. Explain methods of soil conservation.

b) Answer the following (Any one) [3]

i. Describe the causes and effects of thermal pollution on aquatic life

ii. What is rainwater harvesting? State its three benefits

Q4) Write short notes on any four of the following : [10]

a) Integrated pest management (IPM).

b) Urban heat island effect

c) Rainwater harvesting

d) Methods of soil conservation

e) Water cycle

∞Best of Luck∞