

SE (ELEC) Sem-IV impacts
NEP-2020

21/05/2026
Total Marks: 30

Duration: 1 hour.

NB: 1) Question No.1 is Compulsory.

2) Attempt any ONE Question out of remaining TWO questions.

3) Assume suitable data if necessary and justify the same.

- Q.1. Answer any 5 from the following questions 15
- A. What is the primary difference between food chain and food web . 3
 - B. Explain about two international treaties and agreements. 3
 - C. Explain how human activities have altered the carbon and nitrogen cycles. 3
 - D. Define producers and consumers. Give example. 3
 - E. How does deforestation contribute to the greenhouse effect? 3
 - F. What is anthropogenic and give two example 3
- Q.2 A. Define pollution and explain its types of pollution with examples. 7
- B. (i) What are the key drivers for anthropogenic climate change. 8
- (ii) Explain in brief about greenhouse gases.
- Q.3 A. Write a brief on biotic and abiotic components of an ecosystem. 7
- B. (i) How does biodiversity contribute to resilience of an ecosystem 8
- (ii) How do decomposers maintain stability with in an ecosystem
