Environmental Science

Q. No.	Question Description	Marks

PART - A – (3 x 10 = 30 Marks)

1 (a) Define detritus and grazing food chains? What is the difference between food chain and food web? Which is a more realistic representation (food chain or food web) and why? 10

OR

(b) Loss of habitat is single largest cause of bio-diversity. Distinguish the ways in habitat loss can occur and explain each of them. 10

2 (a) Enumerate with examples the major sources of surface water and ground water pollution. Describe the impacts of water pollution on our life. 10

OR

(b) Forests are one of most important natural resource. Illustrate the commercial and ecological functions/uses of forest. 10

3 (a) India has vast cultivation land area. However, the contribution of agriculture to Indian economy. Explain the three major challenges and corresponding solutions. 10

OR

(b) With growing population, cities are continuously expanding. How does the growth of cities impact the various components of the natural environment? 10

Part - B – (2 x 10 = 20 Marks)

4 Green revolution was both boon and bane. Analyse the positive and negative effect of the green revolution. Also, describe a few measure that can be adopted to minimize the negative consequences of green revolution. 10

5 Women constitute almost half of the population. However, their participation in main frame commercial activities is relatively low. Analyse, role of women education and empowerment in the development of society. 10

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