Environmental Science and Technology

(End Exam- 2024)

Time: 120 minutes

views on the environment?

longer time (only list the factors)?

5. Explain any two Green engineering principles?

Instructions: 1. Write answers as POINTS 2. Write only DELEVANTE	Total Marks: 50
2. Write only RELEVANT	only
2. Write only <u>RELEVANT POINTS DISCUSSED IN THE CLASS</u>	
A. Computer components 1. Printed circuit boards 2. Computer batteries 3. Capacitors and transformers 4. Switches & flat screen monitors 5. Cable insulation/coating B. Source Material 1. Pipe Insulation 2. Furniture 3. Air fresheres (1)	Chemical constituents a. Cadmium b. Poly Chlorinated Bi phenyls
Section-II: What is (5 marks) [one or two sentences] [COs-1,3,5] a. Basel Convention b. Ramsar Convention c. Moore's law d. Green certificate e. Art-51-A(g) Section III: Give an example (5 marks) [COs-1, 5] a. Source isolation strategy in indoor air quality maintenance b. No Money: No Existence d. Green website c. Conservation ethics e. Non-Marketed Environmental Goods	
Section IV: Differentiate between (10 marks) [COs-3,4, 5] a. Thick and Thin client b. Strong and weak sustainability c. Green Tax and Green Cess d. Libertarian and Ecological Extension e. Green computing and Green Engineering	
Section-V [10 marks] [COs-1, 4] 1. What are the four factors of production considered in National income? 2. How SEEA has expanded and complemented SNA? 3. How is ventilation measured in mechanically ventilated buildings? 4. What are the negative impacts of Tehri Dam? 5. Relate Hicksian income with Green accounting?	
Section-VI [15 marks] [COs-1, 2, 5, 6] 1. Explain the impact of smart phone/mo 2. Explain the basic difference between views on the environment?	bile devices production on environment? n anthropocentrism, biocentrism and ecocentrism

3. Explain the impact of Denim manufacturing on water consumption and pollution?

4. What is SNA? Define its framework? Why did the concept of SNA remain so popular for