



VIT
Vellore Institute of Technology
Vellore, Tamil Nadu, India

Final Assessment Test - November 2018

Course: CHY1002 - Environmental Sciences

Class NBR(s): 1133 / 6654 / 6656 / 6688 / 6690 / 6692 /

6694 / 6696 / 6698 / 6700 / 6702 / 6704 / 6705 / 6708 /

6711 / 6713

Time: Three Hours

Slot: G1+TG1

Max. Marks: 100

Answer any TEN Questions

(10 X 10 = 100 Marks)

1. Describe how carbon and nitrogen levels are maintained in the environment. Give the ways in which these levels are impacted.
2. How can consumption and population together degrade the environment? Explain with suitable examples.
3. Discuss on threats and conservation of terrestrial biodiversity.
4. Define the types of species with example and explain the interaction among themselves.
5. How will you manage and discard the hazardous solid waste systematically?
6. Illustrate the risk associated with bisphenol A, mercury, PCBs and phthalates.
7. Enumerate on advantages and disadvantages of energy harnessed from dams and natural geyser.
8. a) Explain the role of public and NGO in creating environmental awareness. [5]
b) Write a short note on forest conservation act. [5]
9. With the help of diagrams explain the significances of population age structures.
10. Schemes empowering women and welfare measures for children are needed for betterment of environment. Justify.
11. a) Explain the methods for capturing and storage of CO₂ for long term. [5]
b) What is the measure taken by UNFCCC to control global warming? How does it function? [5]
12. How computer based technologies are useful for environment protection?

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