



# VIT

Vellore Institute of Technology

(Deemed to be University under section 3 of UGC Act, 1956)

SCHOOL OF ADVANCED SCIENCES

Fall Semester 2018-19

Continuous Assessment Test -II

SEARCH VIT QUESTION PAPERS

ON TELEGRAM TO JOIN

Course Code : CHY 1002

Duration : 90 minutes

Course Name : Environmental Sciences

Max. Marks : 50

Slot : B1+TB1

Date : 24.09.2018

Faculty Name : Prabhakaran D, Asharani I.V, Thirumanavelan G, Madhvesh Pathak, Kaushik Chanda, Karpagam S, Barnali Maiti, Napoleon A.A, Mohana Roopan S, Veera Venkata Ramesh E, Vijayanand C, Ashok Kumar S.K, U. Vijayalakshmi

Class Nbr : 6664, 6666, 6669, 6671, 6673, 6675, 6677, 6678, 6683, 6685, 6687, 6790, 7302

Answer ALL the Questions (10 x 5 = 50 Marks)

1. The soft drinks are stored in plastic can. What kind of chemical hazards responsible and explain it.
2. Second biggest killer which is not controlled by antibiotics - Find out the hazard and explain.
3. What are nuclear fuel cycle? Compare the advantages and disadvantages of using the nuclear fuel and coal to produce electricity.
4. Classify the following wastes and explain the management technique to be adopted for each category?  
(i) Paper (ii) Metal scrap (iii) Vegetable and animal waste (iv) Old medicine (v) Battery
5. What changes might occur in the global hydrological cycle and the carbon cycle if the atmosphere experience significant warming?
6. Discuss suitable fuel to replace petrol or diesel for future generation?
7. Which is the world's leading renewable energy source used to produce electricity?  
Give requirements to harness energy from this source. Give its merits and demerits.
8. Virtual water is a term that links with water, food and trade- justify it.  
What makes a Blue, Green or Grey Water footprint?
9. Find out the possible reason and a protocol connected to the given graph.



10. What are the suggestions which you will provide to save energy in a big building such as apartment and shopping mall?