



**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 -I**

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|---|-------------------------|
| <b>Course Code</b> : CHY 1002   | <b>Duration</b> : 90    |
| <b>Course Name</b> : Environmental Sciences   | <b>Max. Marks</b> : 50  |
| <b>Slot</b> : D2+TD2  | <b>Date</b> : 16.8.2018 |
| <b>Faculty Name</b> : Dr. THENMOZHI K, Dr. SOVAN ROY, Dr. ANAND PRABU A, Dr. NAPOLEON A.A,<br>Dr. SATISH KUMAR G, Dr. SENTHILKUMAR S, Dr. JIANPING HU, Dr. U. VIJAYALAKSHMI |                         |
| <b>Class Nbr</b> : 6658, 6660, 6663, 6715, 6718, 6723, 7118, 7177   |                         |

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

1. Discuss causes and possible remedies of any two major environmental problems in your locality.
2. Energy Flow in ecosystem is unidirectional. Explain it.
3. Discuss in detail how CO<sub>2</sub> cycle is effected by anthropogenic activities.
4. Food web stabilizes ecosystem more than food chain, justify the statement.
5. With a net sketch explain how energy flow takes place in a detritus food chain.
6. India is a nation with mega biodiversity. Comment on this statement.
7. How does man-animal conflict occur? Discuss the possible remedies of man-animal conflict.
8. Explain endemic species, extinct Species, endangered Species, vulnerable species and rare species.
9. Discuss the usefulness and drawbacks of GM crops.
10. Discuss about the values of Biodiversity.



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