MSc DEGREE END SEMESTER EXAMINATION- NOVEMBER 2017
SEMESTER 1 : ENVIRONMENTAL SCIENCE
COURSE : **16P1ENVT04 ; INFORMATION TECHNOLOGY APPLICATIONS IN RESEARCH**

(Common for Regular - 2017 / Supplementary - 2016 Admissions)

Time : Three Hours   Max. Marks: 75

Section A
Answer any 10 (2 marks each)

1. What is Booting?
2. State any two features of second generation computers?
3. What is a server?
4. Why do we use PCI slots in a system?
5. What is slide transition?
6. What is Auto-Fill feature in MS Excel?
7. What is a Presentation?
8. What is a hyperlink?
9. What is mnemonic?
10. What is modem and gateway?
11. Year in which IT Act Amended
12. Penalty for hacking computer system is specified under which section if IT act?

(2 x 10 = 20)

Section B
Answer any 5 (5 marks each)

13. Distinguish between analog and digital signals?
14. Write short note on any two of Cyborgs, Robotics, Zoobotics new generation computing systems?
15. Explain the following features of MS-Excel. (a) AutoSum (b) AutoFill
16. Illustrate relative and absolute referencing with the help of an example.
17. Draw a flow chart to find the sum of the highest of 3 numbers.
18. What are the problems answered by IT Act
19. Explain any four network protocols

(5 x 5 = 25)

Section C
Answer any 2 (15 marks each)

20. Explain the basic working of a computer with diagram ?

21. Discuss briefly about different CPU components.

22. Distinguish between worksheet and workbook in MS-Excel. Write the steps for adding a row on a worksheet . How can you add a worksheet to a workbook?

23. Describe briefly the stages in programme development.

(15 x 2 = 30)