M. Sc DEGREE END SEMESTER EXAMINATION - OCT 2020 : FEBRUARY 2021
SEMESTER 1 : ENVIRONMENTAL SCIENCE
COURSE : **16P1EVST04 : INFORMATION TECHNOLOGY APPLICATIONS IN RESEARCH**
(For Regular - 2020 Admission and Supplementary - 2016/2017/2018/2019 Admissions)

Time : Three Hours   Max. Marks: 75

PART A
Answer any 10 (2 marks each)

1.   What is a super computer?
2.   State any two features of 'Second generation computers'.
3.   Expand PCI
4.   Expand SMPS and its use?
5.   What is a server?
6.   What is OCR and OMR?
7.   Indicate the utility of MS-PowerPoint?
8.   What is an attribute in HTML?
9.   Define a bug
10. Explain URL
11. Define Medline and medlars?
12. Cyber Law of India is defined under?

(2 x 10 = 20)

PART B
Answer any 5 (5 marks each)

13. Explain the steps for converting a binary number to decimal number
14. Write short notes on history of computer
15. Define 'Cyborgs'.
16. Briefly explain the SORT option in MS Excel.
17. What are the uses of transition and animation in MS-PowerPoint?
18. Draw a flow chart to find the sum of the highest of 3 numbers.
19. What all are included in the definition of computer network, computer system, and data under the Act?
20. What are the liabilities of companies under section 85 of the Information Technology Act?

(5 x 5 = 25)

PART C
Answer any 2 (15 marks each)

21. List & explain the functions of different parts of a computer system?
22. Explain the steps for creating a powerpoint presentation
23. State the most common high level language and their acronyms with application area.
24. Explain computer related offences and its penalty.

(15 x 2 = 30)