

Reg. No

Name

18P141

MSc DEGREE END SEMESTER EXAMINATION - NOVEMBER 2018**SEMESTER 1 : ENVIRONMENTAL SCIENCE****COURSE : 16P1EVST03 : RESEARCH METHODOLOGY - II***(For Regular - 2018 Admission & Supplementary - 2017 & 2016 Admissions)*

Time : Three Hours

Max. Marks: 75

Section A**Answer any 10 (2 marks each)**

1. Explain briefly the difference between data, information and knowledge.
2. What are the types of research?
3. Give an account of the stages of scientific methods in research.
4. What is extraneous variable?
5. Comment on sampling errors
6. What is a sample? What is sampling?
7. Write notes on participant observation.
8. Differentiate primary and secondary data.
9. What is meant by unstructured observation?
10. What is reference card?
11. Comment on Vancouver method of referencing
12. What are tertiary sources? How are they classified?

(2 x 10 = 20)**Section B****Answer any 5 (5 marks each)**

13. "Research design in exploratory studies must be flexible but in descriptive studies, it must minimize bias and maximize reliability" Discuss
14. What are the inputs and outputs of the research problem?
15. Discuss the errors of sampling.
16. State difference between case questionnaire and schedules.
17. What is meant by collection of data through schedules?
18. What are the different presentation techniques? Explain
19. Explain briefly the constitution of animal ethical committee.
20. What are animal houses? How are they maintained?

(5 x 5 = 25)**Section C****Answer any 2 (15 marks each)**

21. Importance of literature review in research.
22. What is Experimental design? Explain in detail the types of Experimental design.
23. Describe case study method in research.
24. Describe primary, secondary and tertiary sources of information.

(15 x 2 = 30)