

Reg. No

Name

17P141

MSc DEGREE END SEMESTER EXAMINATION- NOVEMBER 2017

SEMESTER 1 : ENVIRONMENTAL SCIENCE

COURSE : 16P1ENVT03 ; RESEARCH METHODOLOGY - II

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

Time : Three Hours

Max. Marks: 75

Section A

Answer any 10 (2 marks each)

1. Write short notes on scientific temper
2. Comment on fundamental research?
3. What is applied research?
4. Name the different types of probability sampling.
5. What is a sample?
6. What is nonparticipant observation?
7. What is meant by data in research?
8. Comment on Holtzman Inkblot test.
9. Write notes on workshop
10. Evaluate the significance of colloquium for researchers
11. What are reviews?
12. Comment on trade mark.

(2 x 10 = 20)

Section B

Answer any 5 (5 marks each)

13. Discuss significance of research
14. What is hypothesis? Explain different types of hypothesis and testing of hypothesis.
15. What is sampling? What are the characteristics of good sample?
16. Write notes on the modes of data collection.
17. Discuss the pre-requisites and basic tenets of interviewing.
18. Write the different ways of reporting of research findings.
19. What are Lab Protocols? Enumerate the major precautions to be taken in a laboratory?
20. Discuss laws of bioethics in India.

(5 x 5 = 25)

Section C

Answer any 2 (15 marks each)

21. What is Experimental design? Explain in detail the types of Experimental design.
22. Write the importance of sampling. Enumerate and discuss the types of sampling design.
23. Differentiate thesis and dissertation. Explain the preparation of thesis and dissertation.
24. Describe primary, secondary and tertiary sources of information.

(15 x 2 = 30)