

M.Phil 1st Semester Examination, 2019

ENVIRONMENTAL STUDIES

(Research Methodology)

PAPER—EVS-111

Full Marks : 50

Time : 2 hours

Answer any four questions

The figures in the right-hand margin indicate marks

Candidates are required to give their answers in their own words as far as practicable

Illustrate the answers wherever necessary

1. What do you mean by research ? Explain its significance in modern times ? Distinguish between research methods and research methodology.

2 + 3 + 5

(Turn Over)

2. Describe some of the important research designs used in experimental hypothesis-testing research study. 10
3. How do you define a research problem ? Give three examples to illustrate your answer. 4 + 6
4. What do you meant by sampling ? Distinguish between cluster and area sampling. Explain probability sampling. 2 + 5 + 3
5. Define the concept of hypothesis. What are the basic concepts concerning testing of hypothesis ? 3 + 7
6. Briefly describe the different steps involved in research process. 10
7. Write a note on the problems encountered by the researchers in India. 10
8. Write short notes on (any two) : 5 × 2
 - (i) Conceptual Model
 - (ii) Ex-post factor research

(iii) Criteria of good research

(iv) Empirical research

(v) Bibliography

9. Assignment Writing (to be submitted by the candidates before examination): 10
