M.Sc DEGREE EXAMINATION,APRIL 2019
II Year IV Semester
Research Methodology

Time : 3 Hours   **Max.marks :75**

Section A $(10 \times 2 = 20)$ Marks

Answer any **TEN** questions

1. Write any 2 Indian Chemistry Journals?
2. What are the various types of research?
3. What are the sources of literature?
4. Define Impact factor.
5. What is planning in research?
6. Give the types of tables.
7. What is sample size? Example.
8. Define Footnote.
9. What is meant by random errors?
10. What is linear regression?
11. What is page format?
12. How can you draw graph?

Section B $(5 \times 5 = 25)$ Marks

Answer any **FIVE** questions

13. How will you select a problem? Explain.
14. Explain the different types of sources of literature.
15. Discuss the preservation of collected literature.
16. How do you plan a research project?
17. Explain the types of data.
18. How you can analyse error with the help of standard deviation method?
19. Discuss about Bibliography.

Section C $(3 \times 10 = 30)$ Marks

Answer any **THREE** questions

20. a) How will you prepare a project proposal?   (5)

    b) Write short notes on funding agencies.   (5)

21. a) Explain the journals publications and give its importance. (5)

    b) Write about monographs.   (5)

22. a) What is difference between classification and tabulation?   (5)

    b) Give the types of classification.   (5)

23. a) Explain the minimization of errors.   (5)

    b) Discuss the methods of least squares.   (5)

24. What is meant by plagiarism? Discuss the rules of plagiarism in detail.

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