

D 52928

(Pages : 2)

Name.....

Reg. No.....

**THIRD SEMESTER B.VOC. DEGREE EXAMINATION
NOVEMBER 2023**

Common Course

A12—RESEARCH METHODOLOGY

Time : Two Hours and a Half

Maximum : 80 Marks

Section A*All questions can be answered.**Each question carries 2 marks.**(Ceiling 25 marks)*

1. What is the typical structure of a thesis ?
2. Why is it important to define clear research objectives ?
3. What is the Science Citation Index, and why is it significant ?
4. How do you determine the appropriate research methodology ?
5. Why is a well-prepared project proposal crucial ?
6. What does the impact factor of a journal indicate ?
7. What role do summer schools play in research ?
8. How does training in research institutes benefit researchers ?
9. What is the role of bibliography in a thesis ?
10. What types of literature sources can be included in research ?
11. Why is proper citation important in a thesis ?
12. What is INFLIBNET ?
13. How do digital libraries facilitate research ?
14. Why are keywords important in literature search ?
15. What does ISSN stand for, and why is it important for journals ?

Turn over

Section B

All questions can be answered.

Each question carries 5 marks.

(Ceiling 35 marks)

16. Discuss the significance of tabulation in research ?
17. Briefly explain the implications of open access journals in research ?
18. How does Google Scholar differ from regular internet searches ?
19. How do short communications differ from review articles ?
20. What is the purpose of collecting research protocols ?
21. Why is plagiarism a serious concern in manuscript preparation ? Explain.
22. What type of information is usually included in the appendix of a thesis ?
23. What is the purpose of data analysis in research ? Discuss.

Section C

Answer any two of the following questions.

Each question carries 10 marks.

24. What are the key elements involved in creating a strong research plan ? Explain the importance of protocols and the criteria for selecting appropriate methods in both observational and experimental research.
25. Explain the functionalities of statistical software, with a specific emphasis on SPSS, in the analysis of research data. How does the use of statistical software enhance the efficiency and accuracy of data analysis ?
26. Describe the process of publishing articles in journals. What considerations should authors take into account when selecting suitable platforms for their work ?
27. Discuss the importance of peer-reviewed journals in the academic and scientific community. What role does the peer review process play in maintaining the quality and credibility of scholarly publications ?

(2 × 10 = 20 marks)