Reg. No. : ....

Name : ....

First Semester B.Sc. Degree Examination, June 2022

First Degree Programme under CBCSS

Home Science

Core Course

HS 1141 : RESEARCH METHODOLOGY AND INFORMATICS

(2020 Admission Onwards)

Time : 3 Hours   Max. Marks : 80

SECTION – A

Write one word answers. All questions must be answered. **Each** question carries 1 mark.

1. Define attitude scale

2. E-mail

3. Cyber ethics

4. Name any 3 Search engines

5. What do you mean by plagiarism?

6. Primary data

7. Satellite

8. INFLIBNET

9. e-Governance

10. Shodhsindhu

(10 × 1 = 10 Marks)

SECTION – B

Write short answers not exceeding one paragraph. Answer any **eight** questions. **Each** question carries **2** mark.

11. What are the sources of Primary data?

12. What is group communication?

13. What are the major applications software?

14. What is digital divide?

15. List down the disadvantages of using questionnaire.

16. Write any two features of a good checklist.

17. Why is it important to convert data into graphs?

18. Write any two characteristics of review of literature.

19. What are the types of knowledge?

20. Enumerate the steps in preparing Power Point presentation.

21. What are the types of errors commonly seen in hypothesis testing?

22. What is weather forecasting?

23. How is Home Science education significant?

24. What is pilot study?

25. What are independent and dependent variables?

26. What is non-probability sampling?

(8 × 2 = 16 Marks)

SECTION – C

Write short essays not exceeding 120 words. Answer any **six** questions. **Each question carries 4 marks.**

27. Write a short note on INFLIBNET.

28. How can you reduce cyber addiction?

29. Compare between primary and secondary data.

30. Explain the concept of IPR.

31. Explain the major steps in research report writing.

32. How can IT be used in medicine?

33. Explain green computing.

34. Write a brief note on academic search techniques.

35. What are different types of hypotheses in research?

36. Elaborate on the issues and concerns of IT in present society.

37. Write down the characteristics of a good review of literature.

38. What are the benefits of using wireless technology?

(6 × 4 = 24 Marks)

SECTION – D

Write short essays not exceeding four pages. Answer any **two** questions. **Each question carries 15 marks.**

39. What is sampling? Explain the different types of sampling.

40. Give an overview of operating system. List down the major applications software.

41. What is primary and secondary data? What are the tools used for collecting data?

42. Define cyber addiction. How can you reduce cyber addiction?

43. Explain the health issues and guidelines for the proper usage of Internet.

44. What is data in research? Explain the importance of presenting data in research.

(2 × 15 = 30 Marks)

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