



বিদ্যাসাগর বিশ্ববিদ্যালয়
VIDYASAGAR UNIVERSITY
Question Paper

B.Sc. Honours Examinations 2021
(Under CBCS Pattern)
Semester - V
Subject : NUTRITION
Paper : C 12 - T & P

Full Marks : 60 (Theory - 40 + Practical - 20)
Time : 3 Hours

*Candidates are required to give their answers in their own words as far as practicable.
The figures in the margin indicate full marks.*

[RESEARCH METHODOLOGY]

(Theory)

Group-A

Answer any **three** questions from the following : 12×3=36

1. Write the criteria of 'Good Research'? Mention the differences between 'Qualitative Research and Quantitative Research'. 6+6=12
2. What do you mean by 'Review of Literature'? Mention its objectives. Write about the formulation of scientific research problem. 2+5+5=12
3. Mention the functions of hypothesis. Explain the basic research ethics that should be maintained to carry out the research proposal. What is null hypothesis? 5+5+2=12

4. Differentiate between primary and secondary data. Describe the 'Case Study Method'.
What is type I and type II error. 4+4+4=12
5. What are the characteristics of good sampling? Describe simple random and stratified random sampling methods. 4+(4+4)=12
6. Differentiate between single and multi-group experimental design. Write briefly about 'Action research'. 6+6=12

Group-B

Answer any *two* questions from the following : 2×2=4

7. What is applied research.
8. What is questionnaire method?
9. What is pilot project?
10. What do you mean by plagiarism in research?

(Practical)

Group-A

1. Answer any *one* out of the following : 15×1=15
 - (a) Discuss the steps used for the formulation of a project.
 - (b) Find the mean and standard deviation of the data set given below :
Marks obtained by 5 students 57, 78, 69, 91, 65
 - (c) Describe different types of project design. What is t-test?

Group-B

2. Answer any *one* out of the following : 5×1=5
 - (a) Write briefly about bar diagram and pie diagram.
 - (b) What is chi-square test? Mention its characteristics.
 - (c) Viva-voce and laboratory note book.

