

Rishi Bankim Chandra Evening College

M.COM. 2nd Semester Examination, 2022

Research Methodology

(COMPCOR10T)

Time – 2 Hrs

F.M.-40

Group- A

Answer any **Five** questions from the following:

5×2=10

1. What is the main objective of Factor analysis?
2. What is exploratory research?
3. What are the limitations of primary data collection?
4. What is meant by cluster sampling?
5. What is sampling error? Give an example.
6. What is the content of preliminary pages in the layout of research report
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8. Write are the main applications of Chi-square (χ^2) test?

Group-B

Part I

Answer any **ONE** questions from the following:

5×1=5

9. Explain-

(a) Type I error and its relationship with ‘Level of Significance’

(b) Type II error and its relationship with ‘Power of a test’

2.5+2.5=5

10. What are the differences between Questionnaires and Schedules?

Part II

Answer any **ONE** questions from the following

5×1=5

11. Write briefly about the different forms of data presentation devices.

12. Differentiate between parametric and non-parametric tests.

Group-C

Answer any **ONE** questions from the following

10×1=10

13.a) Describe in brief, the importance of editing, coding, classification, tabulation and presentation of data in the context of research study.

b) A sample survey indicates that out of 3232 births, 1705 were boys and the rest were girls. Do these figures confirm the hypothesis that the sex ratio is 50:50? Test at 5 percent level of significance.

5+5=10

14. Explain different types of research. State the difference between exploratory and descriptive research.

5+5=10

15.a) What are some of the issues that should be kept in mind while determining the size of a sample by a researcher?

b) Write short note on Multivariate data analysis.

5+5=10

16. a) What precaution should researcher take while writing research report?

b) Mention the major steps in a research process.

5+5=10