

**2020**  
**UNIVERSITY OF CALCUTTA EXAMINATION CONDUCTED BY LORETO COLLEGE**  
**B.A/B.Sc. SEMESTER IV GENERAL EXAMINATION, CBCS SYSTEM**

**GROUP B**

**PSYCHOLOGY – GENERAL – THEORY**

**Statistical Methods and Psychological Research**

**Paper: CC – 4**

**TIME ALLOTTED: 2 Hours**

**FULL MARKS: 50**

*The figures in the margin indicate full marks for each question.*

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| 1. | <b>Answer any 2: (Word Limit – 150 words)</b>  | <b>10x2=20</b> |
| a. | Lay out the main differences between quantitative and qualitative measures in social science research.   | 10             |
| b. | Describe the steps, uses, advantages, and disadvantages of a Frequency polygon   | 4+2+2+2        |
| c. | What is reliability? Discuss briefly Test-Retest and Alternate Forms Reliability.  | 4+6            |
| 2. | <b>Answer any 2: (Word Limit – 600 words)</b>  | <b>15x2=30</b> |
| a. | Discuss in detail the different types of interviews used in qualitative research methodology with appropriate examples for each.                 | 15             |
| b. | What are the characteristics of a histogram? What is the procedure for constructing a histogram? How does a histogram differ from a bar diagram? | 4+6+5          |
| c. | What is the median? Write down the uses of the median.   | 5+10           |
| d. | Define a test. Discuss the classification of psychological tests with examples.  | 3+12           |