



**WEST BENGAL STATE UNIVERSITY**  
B.A./B.Sc. Honours 2nd Semester Examination, 2021

**PSYACOR04T-PSYCHOLOGY (CC4)**

Time Allotted: 2 Hours

Full Marks: 40

*The figures in the margin indicate full marks.  
Candidates should answer in their own words and adhere to the word limit as practicable.  
All symbols are of usual significance.*

**Write short note on any four topics**

5×4 = 20

1. Difference between Parameter and Statistic.
2. Properties of the measurements of Central Tendency.
3. Quantitative and qualitative variables.
4. Independent and Dependent Variable.
5. Difference between inferential and descriptive statistics.
6. Controlling techniques of extraneous variables.

**Answer any two questions**

10×2 = 20

7. What is Descriptive Statistics? What are the types of Descriptive Statistics? Write a short note about various descriptive statistical measures. 2+2+6
8. Define Correlation. Write down the assumptions of Product Moment correlation and Rank Order correlation. 2+8
9. Calculate the Mean and Standard Deviation of the following marks in Maths (out of 20) of two groups of students and compare the result- 10  
Group 1 – 12, 16, 17, 19, 14  
Group 2 – 13, 12, 19, 20, 18