



22102212

QP CODE: 22102212

Reg No :

Name :

**B.Sc DEGREE (CBCS) REGULAR/IMPROVEMENT/REAPPEARANCE
EXAMINATIONS, JULY 2022**

First Semester

B.Sc Psychology Model I

Complementary Course - ST1CMT21 - BASIC STATISTICS- PAPER I

2017 Admission Onwards

719EDCB1

Time: 3 Hours

Max. Marks : 80

Part A

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1. How is Statistics misused?
2. Define nominal scale with an example
3. What is classification?
4. What is meant by a cumulative frequency table?
5. How will you construct a pidiagram?
6. How will you construct a histogram?
7. What is enumeration?
8. Mention the requisites of a good sampling method.
9. What is sampling frame?
10. Find the mean of first ten even positive integers.
11. What are positional averages? Give an example
12. Define mode

(10×2=20)

Part B

*Answer any **six** questions.*

*Each question carries **5** marks.*





13. Explain scope of Statistics.
14. Distinguish between ratio scale and interval scale with examples.
15. Distinguish between census and sampling.
16. What are the advantages of diagrammatical presentation of data?
17. Draw the less than ogive for the data given below. Also find the median of the data?
- | | | | | | | | |
|-----------|-----|------|-------|-------|-------|-------|-------|
| Class : | 0-5 | 5-10 | 10-15 | 15-20 | 20-25 | 25-30 | 30-35 |
| Frequency | 2 | 5 | 9 | 15 | 4 | 3 | 2 |
18. What are the advantages and disadvantages of sampling?
19. Briefly explain simple random sampling with and without replacement.
20. Explain stratified sampling .Compare it with simple random sampling.
21. What are the chief measurers of central tendency? Discuss their merits
- (6×5=30)

Part C

*Answer any **two** questions.*

*Each question carries **15** marks.*

22. Define primary data. State the various methods of collecting primary data and discuss their relative merits.
23. Explain different types of sampling techniques with example.
24. Explain the properties of arithmetic mean.
25. Define mode. Give the formula for grouped data. Mention its merits and demerits.
- (2×15=30)

