BSc DEGREE EXAMINATION MAY 2018
(Second Semester)

Branch – **PSYCHOLOGY**

PSYCHOLOGICAL STATISTICS - I

Time : Three Hours   Maximum : 75 Marks

SECTION-A (20 Marks)
Answer ALL questions

ALL questions carry EQUAL marks   (10 x 2 = 20)

Define the following terms:

1   Inferential statistics.
2   Secondary data.
3   Quantitative data.
4   Frequency curve.
5   Average.
6   Quartile deviation.
7   Normal distribution.
8   Percentile rank.
9   Census.
10   Sampling error.

SECTION - B (25 Marks)
Answer ALL Questions

ALL Questions Carry EQUAL Marks (5 x 5 = 25)

11 a   What are the differences between statistic and parameter?

OR

    b   What are descriptive statistics?

12 a   Explain the major parts of a statistical table.

OR

    b   Describe the purpose of ogives.

13 a   What are central tendencies? Explain.

OR

    b   What are measures of dispersion? Describe

14 a   Explain the central limit theorem.

OR

    b   What is normal probability curve?

15 a   Describe simple random sampling.

OR

    b   What are the features of incidental sampling?

SECTION - C (30 Marks)
Answer any THREE Questions

ALL Questions Carry EQUAL Marks (3 x 10 = 30)

16   Discuss about variables in psychological research.

17   Elaborate the applications of graphs in statistics.

18   Calculate range and Q.D. of the following observations: 20, 25, 29, 30, 35, 39, 41, 48, 51, 60 and 70.

19   Discuss the applications and features of Z-score.

20   Discuss the types of non-random sampling methods.

Z-Z-Z   END