PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)
BSc DEGREE EXAMINATION DECEMBER 2018
(Second Semester)

Branch - **PSYCHOLOGY**

PSYCHOLOGICAL STATISTICS -1

Time : Three Hours   Maximum : 75 Marks

SECTION-A (20 Marks)
Answer **ALL** questions
ALL questions carry **EQUAL** marks   (1 0 x 2 = 20)

1   What is Statistics?
2   Define Secondary Data.
3   Write the meaning of classification.
4   What is an average ogive?
5   Write the meaning of average.
6   Define dispersion.
7   What is probability?
8   What is Skewness?
9   Define Sampling.
10   Mention any two reasons for non sampling errors.

SECTION - B (25 Marks)
Answer **ALL** Questions
ALL Questions Carry **EQUAL** Marks (5 x 5 = 25)

11 a Explain the four levels of measurement.
OR
b Describe any two sources of primary data.

12 a   Describe the parts of a table.
OR
b Draw a simple bar diagram for the following aptitude test scores.

Aptitude Test	Score
Numerical Ability	33
Language	16
Space relation	20
Mechanical aptitude	40
Speed and Accuracy	30
Verbal reasoning	15

13 a Analyze the requisites of a good average.
OR
b Explain the range and its merits and demerits.

14 a Explain the three axioms of probability.
OR
b Give a brief account of Z score.

15 a Describe the concept of population and census.
OR
b Explain the quota sampling.

SECTION - C (30 Marks!
Answer any **THREE** Questions
ALL Questions Carry **EQUAL** Marks (3 x 10 = 30)

16   Discuss the origin, growth and characteristics of statistics.
17   Describe the histogram and its techniques of construction.
18

Marks	0-10	10-20	20-30	30-40	40-50	50-60
No. of Students	5	10	25	30	20	10

19 Discuss the meaning of normal distribution and its characteristics.