

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)
BSc DEGREE EXAMINATION MAY 2017
(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 (10 x 2 = 20)

- 1 Descriptive statistics.
- 2 Primary data.
- 3 Frequency distribution.
- 4 Pie diagram.
- 5 Mode.
- 6 Range.
- 7 Probability.
- 8 Skewness.
- 9 Sample.
- 10 Stratified sampling.

SECTION - B (25 Marks!)

Answer **ALL** Questions

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

- 11 a Explain the kinds of variables.

OR

- b Elucidate the features of direct personal interview.

- 12 a Enumerate the objectives of classification.

OR

- b State the uses of tabulation.-

- 13 a List out the requisites of a good average.

OR *

- b Explain the merits of mode.

- 14 a Elucidate the concept of expected value.

OR

- b Enumerate the properties of normal probability curve.

- 15 a Examine the requisites of a sample.

OR

- b Explain systematic random sampling.

SECTION - C (30 Marks)

Answer any **THREE** Questions

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

- 16 Bring out the need and importance of statistics in psychology.

- 17* Elucidate the various types of diagrams.

- 18 Compute standard deviation for the following data.

' 4, 8, 12, 16, 20

- 19 Explain the characteristics of normal distribution.

- 20 Elucidate multistage random sampling.