**B.Sc. DEGREE EXAMINATION,ODD SEMESTER 2020**
**II Year III Semester**
**Statistics in Psychology**

**Max.marks :25**

Answer any **FIVE** questions $(5 \times 5 = 25)$ Marks

1. Discuss the different scales of measurement.

2. What are the general rules to be followed for the construction of tables?

3. What is a bar diagram? Construct a bar diagram with the following data. 120 class X students of a school were asked to opt for different work experiences. The details of these options are given in the following table.

| Area of work experience | No of students | Percent |
|---|---|---|
| Photography | 6 | 5 |
| Clay modelling | 30 | 25 |
| Kitchen gardening | 48 | 40 |
| Doll making | 12 | 10 |
| Book binding | 24 | 20 |

4. Discuss when to use mean, median and mode.

5. Explain the different measures of variability.

6. Compare and contrast histogram and frequency polygon.

7. Write briefly about

    i. descriptive statistical methods

    ii. Inferential statistical methods