B.Sc. DEGREE EXAMINATION,ODD SEMESTER 2020
III Year V Semester
Statistical Inference - II

Max.marks :25

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

1. Write a short note on Most Powerful Test.

2. Explain Power function and Power curve.

3. Derive LRT for the mean of a normal population when variance is known.

4. Describe Kolmogorov-Smirnov one sample test.

5. Write a note on Basic ideas on decision theory.

6. Describe the Mann-Whitney U test procedure.

7. Write the steps involved in solving testing statistical hypothesis.