

**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH**

**(A DEEMED TO BE UNIVERSITY)**

**Master of Optometry**

**First Year Semester-II, February-2020 Examination**

**Time : 2.00 Hrs.**

**[Max. Marks : 50]**

**Research Methodology & Statistics**

**Q.P Code : M2280**

*Your answers should be specific to the questions asked.*

*Draw neat labelled diagrams wherever necessary.*

**LONG ESSAY**

**2 × 10 = 20 marks**

1. Discuss the Descriptive study design in detail.
2. The age of 12 patients attending Ophthalmology OPD were 38,42,45,36,40,44,40,45,34,36,38,36 compute the Mean, Median and Mode

**SHORT ESSAY**

**3 × 5 = 15 marks**

3. Explain Pie diagram
4. Chi-square test
5. Cluster sampling technique

**SHORT ANSWER**

**5 × 3 = 15 marks**

6. Ordinal scale of measurement
7. Measures of central tendency
8. Paired t- test
9. Convenience sampling
10. Uses of Normal Distribution.

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