

Date:04-03-2022

Registration number:

ST. JOSEPH’S COLLEGE (AUTONOMOUS), BENGALURU-27

MSc. PSYCHOLOGICAL COUNSELLING - I SEMESTER

SEMESTER EXAMINATION: OCTOBER 2021

(Examination conducted in March 2022)

**PY 7321 – Quantitative Research Methods**

Time- 2 ½ hrs Max Marks-70

This question paper contains one printed page and five sections

**Answer any one question from each of the following sections. Each section carries 14 marks.**

**Section A**

1. Define research. Explain the characteristic assumptions and goals of science.

OR

1. Discuss the ethical issues of research.

**Section B**

1. Explain the various steps involved in the research process.

OR

1. What is a normal probability curve (NPC)? Elucidate on the characteristics and importance of the NPC.

**Section C**

1. Explain in detail the steps involved in sample design and the characteristics of selecting a good sample.

OR

1. Discuss in detail the probability sampling procedure.

**Section D**

1. Write a note on the naturalistic observation research.

OR

1. Explain any two non-experimental research designs.

**Section E**

1. Explain general strategies for control in an experimental research.

OR

1. Discuss any two quasi-experimental designs in detail.