

**STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI 600 086**  
**(For candidates admitted during the academic year 2023 – 2024 )**

**B. Sc. DEGREE EXAMINATION, NOVEMBER 2024**  
**PSYCHOLOGY**  
**THIRD SEMESTER**

**COURSE : MAJOR – CORE**  
**PAPER : INTRODUCTION TO RESEARCH METHODOLOGY**  
**SUBJECT CODE : 23PY/MC/RM34**  
**TIME : 3 HOURS** **MAX.MARKS:100**

<b>Q. No.</b>	<b>SECTION A (10 X 3=30)</b>	<b>CO</b>	<b>KL</b>
	<b>ANSWER ALL THE QUESTIONS NOT EXCEEDING 50 WORDS</b>		
1.	What are the criteria for good research?	CO1	K1
2.	Define a psychological construct.	CO1	K1
3.	Explain different types of hypotheses.	CO1	K1
4.	What is the difference between mediating and moderating variables?	CO1	K1
5.	What is quota sampling?	CO1	K1
6.	Explain the process of undertaking a survey.	CO2	K2
7.	Explain ratio scale.	CO2	K2
8.	What is the significance of doing good research?	CO2	K2
9.	Summarise the steps involved in processing and interpreting data.	CO2	K2
10.	Spell out any 2 suggestions to handle cross-cultural research contexts.	CO2	K2
<b>Q. No.</b>	<b>SECTION B (5 X 8=40)</b>	<b>CO</b>	<b>KL</b>
	<b>ANSWER ALL THE QUESTIONS NOT EXCEEDING 400 WORDS</b>		
11.	a) Compare different methods of establishing validity. (or) b) Outline the research design in the case of exploratory research studies.	CO4	K4
12.	a) Differentiate between questionnaire and schedule? (or) b)Examine case study as a method of data collection.	CO4	K4
13.	a) Analyse the writing format for a qualitative research study. (or) b) Critically appraise the types of observation used in research.	CO4	K4
14	a) How is literature review done in research? (or) b) Examine Type I and Type II errors in hypothesis testing.	CO5	K5
15	a) Build the layout of a quantitative research proposal for a study to be done with children (or) b) Evaluate the possible sources of measurement errors.	CO5	K5

Q. No.	SECTION C (2 X 15=30) ANSWER ANY 2 QUESTIONS NOT EXCEEDING 800 WORDS	CO	KL
16.	Discuss how different types of reliability affect the results of a research study.	CO3	K3
17.	Identify and explain different probability and non-probability sampling techniques.	CO3	K3
18.	Classify various types of research with relevant examples.	CO3	K3
19.	Chart the ethical guidelines that have to be adhered to while doing research with children.	CO3	K3

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