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G. VENKATASWAMY NAIDU COLLEGE (AUTONOMOUS), KOVILPATTI – 628 502.



PG DEGREE END SEMESTER EXAMINATIONS - NOVEMBER 2024.
(For those admitted in June 2023 and later)

PROGRAMME AND BRANCH: M.Sc., MATHEMATICS

SEM	CATEGORY	COMPONENT	COURSE CODE	COURSE TITLE
III	PART - III	CORE ELECTIVE - 5	P23MA3E5A	RESEARCH METHODOLOGY

Date : 15.11.2024/ FN

Time : 3 hours

Maximum: 75 Marks

Course Outcome	Bloom's K-level	Q. No.	SECTION - A (10 X 1 = 10 Marks) Answer ALL Questions.
CO1	K1	1.	What is the purpose of doing research? a) To identify problem b) To find the solution c) both A and B d) searching again and again
CO1	K2	2.	Last stage of research process is _____. a) Review of literature b) Report writing c) research design d) Analysis data
CO2	K1	3.	Most proposal are between _____ pages in length. a) Ten and fifteen b) Ten and six c) Three and ten d) five and ten
CO2	K2	4.	Writing a research proposal improve _____. a) management skills b) General research and writing skills c) Technical skills d) Leadership skills
CO3	K1	5.	The first page of the research report is _____. a) Appendix b) Bibliography c) Index d) Title page
CO3	K2	6.	An abstract is a _____. a) Synopsis b) quotations c) Glossary d) Bibliography
CO4	K1	7.	Bibliography given in a research report. a) Helps those interested in further research b) shows vast knowledge of the researcher c) makes the report authentic d) Is an optional part of the report
CO4	K2	8.	A research normally end with some. a) Recommendations b) conclusions c) summary d) Both a and b
CO5	K1	9.	Published information in a particular subject area is discussed in? a) journals b) research proposal c) literature review d) bioethics
CO5	K2	10.	Which of these is not a punctuation mark? a) full stop b) comma c) colon d) hashtag
Course Outcome	Bloom's K-level	Q. No.	SECTION - B (5 X 5 = 25 Marks) Answer ALL Questions choosing either (a) or (b)
CO1	K2	11a.	Describe, in brief layout of a research report, covering all relevant Points. (OR)
CO1	K2	11b.	What are the requirements needed for successful conclusion.

CO2	K2	12a.	Describe the format of a research proposal. (OR)
CO2	K2	12b.	Explain briefly about understanding disciplinary differences.
CO3	K3	13a.	Describe the different components needed for writing research project and explain it. (OR)
CO3	K3	13b.	Illustrate two types of layout traditionally in thesis title page.
CO4	K3	14a.	Explain short notes on “style of presentation” its utility in research project. (OR)
CO4	K3	14b.	How to write a conclusion for your research paper? Explain the importance of a good research paper conclusion.
CO5	K4	15a.	Enumerate the contents of any research proposal? (OR)
CO5	K4	15b	When should inverted commas be used in a research paper?

Course Outcome	Bloom's K-level	Q. No	<p style="text-align: center;">SECTION - C (5 X 8 = 40 Marks) Answer <u>ALL</u> Questions choosing either (a) or (b)</p>
CO1	K4	16a.	Compare the differences between a dissertation and a thesis? (OR)
CO1	K4	16b.	Classify the few tips on deciding a research topic.
CO2	K5	17a.	Analyse: How you can handle the ethical consideration. (OR)
CO2	K5	17b.	Write few points on why studying independently are important?
CO3	K5	18a.	What do you mean by abstract ? what are the important point are follow by researcher? (OR)
CO3	K5	18b.	Analyse “Why have a literature review?”
CO4	K5	19a.	Distinguish between Quantitative vs qualitative methodology. (OR)
CO4	K5	19b.	What are the best practices for formatting Bibliography in research papers? show how referencing conventions are applied according to their sources?
CO5	K6	20a.	Build the importance of punctuation in research papers. (OR)
CO5	K6	20b.	Prepare the importance point of When can a semicolon be used in a research paper?