

**MASTER OF SCIENCE IN COUNSELLING  
AND FAMILY THERAPY / POST GRADUATE  
DIPLOMA IN COUNSELLING AND FAMILY  
THERAPY (MSCCFT/PGDCFT)**

**Term-End Examination**

**December, 2022**

**MCFT-005 : COUNSELLING AND FAMILY THERAPY :  
RESEARCH METHODS AND STATISTICS**

*Time : 3 hours*

*Maximum Marks : 100*

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**Note :** *Answer any **five** questions in 600 – 800 words each. All questions carry equal marks.*

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1. What do you understand by 'scientific method' ?  
Explain the steps involved in it. 20
  
2. Discuss the features of research design in the case of descriptive and diagnostic studies. Give its advantages and disadvantages. 20

3. Differentiate between laboratory and field experiments. Explain the advantages and limitations of the field experimental method. 20
4. What are “attitudes” ? State the significance of attitudes. Describe any one technique of developing an attitude scale that you, as a counselling and family therapy researcher, would like to use. 20
5. Define content analysis. Explain the different approaches to content analysis. 20
6. Describe the uses and assumptions of parametric tests. Enumerate the characteristics of Central Limit Theorem. 20
7. Discuss the need and purpose of review of literature. Describe the various methods of literature search. 20
8. Suppose you are evaluating a research report. Discuss the criteria on the basis of which you would evaluate the introductory chapter; the objectives and hypotheses; the choice of variables; and sample selection. 20

9. Write short notes (in about 150 words each) on any **four** of the following : *4×5=20*

- (a) Limitations of Positivistic Paradigm
- (b) Validity
- (c) Distinction between Univariate, Bivariate and Multivariate Analysis
- (d) TAT
- (e) Limitations of Inductive Reasoning

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