

**Master of Science in Counselling and Family
Therapy / Post Graduate Diploma in Counselling
and Family Therapy**

Term-End Examination

December, 2013

**MCFT-005 : Counselling and Family Therapy :
Research Methods and Statistics**

Time : 3 hours

Maximum Marks : 100

*Note : Answer five questions in all. Question No. 1 is
compulsory.*

1. Explain briefly **any ten** of the following : **10x2=20**
- (a) SPSS
 - (b) Objectivity
 - (c) Hypothesis
 - (d) Histogram
 - (e) Spearman's correlation coefficient
 - (f) The Median test
 - (g) Internal homogeneity
 - (h) Web - based documents
 - (i) Literature collated from audio- video material
 - (j) Significance of title of a research
 - (k) Knowledge generation research
 - (l) Incidental sample.

2. Suppose as a counsellor and family therapy researcher you would like to study any one of the following problems:

Impact of tsunami on child survivors

OR

Study of sexual abuse among road dwellers.

Plan a suitable research study to examine the various aspects of the problem chosen by you.

Give a brief description of the following :

- | | | |
|-----|---|---|
| (a) | Statement of the problem/Research questions | 2 |
| (b) | Objectives of the study | 3 |
| (c) | Hypothesis (es) | 2 |
| (d) | Sample and sampling procedure | 3 |
| (e) | Methods and techniques of data collection | 5 |
| (f) | Data analysis | 3 |
| (g) | Interpretation of findings | 2 |
3. Describe in detail the following : 10x2=20
- | | | |
|-----|----------------------|--|
| (a) | Case study method | |
| (b) | Questionnaire method | |
4. (a) What are characteristics of a good sample ? 5
- (b) What is sampling? 5
- (c) Differentiate between probability sampling and non - probability sampling. 10
5. Explain how you would analyse quantitative data with the help of examples, discuss uni-variate analysis, bi - variate analysis, tri-variate analysis and multi - variate analysis. 20

6. Describe any two research paradigms that can be used in counselling and family therapy domain. 20
7. (a) Discuss the steps involved in doing literature search. 10
 (b) Describe the research report written for thesis and dissertation purposes. 10
8. Write short notes on any **two** of the following :
 (a) Research report evaluation proforma contents. 10x2=20
 (b) Ethnomethodology
 (c) Data processing of quantitative data.
9. (a) Calculate the chi-square (χ^2) from the given data : 15

	Categories					Total
	I	II	III	IV	V	
fo	55	63	82	93	57	350
fe	70	70	70	70	70	350

- (b) State the use of non parametric tests. 5
