

00174

**Master of Science in Counselling and Family
Therapy / Post Graduate Diploma in Counselling
and Family Therapy (MSCCFT/PGDCFT)**
Term-End Examination
December, 2016

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

Time : 3 hours

Maximum Marks : 100

Note : (i) Answer *any five* questions.
(ii) All questions carry *equal* marks.

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| 1. | (a) | What is the significance of research in counselling and family therapy ? | 5 |
| | (b) | What are essential principles of scientific method in research ? | 5 |
| | (c) | Differentiate between research hypothesis and null hypothesis. | 10 |
| 2. | (a) | Discuss the criteria for identification of research problem in counselling and family therapy. | 10 |
| | (b) | State how will you specify delimitations to any given research problem. | 5 |
| | (c) | Write any five characteristics of research questions. | 5 |
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3. With the help of examples, explain the role of observer or investigator in data collection through observation method. Discuss different types of observation. 20

4. (a) Define validity. Give an example to support your answer. 5
 (b) Describe any five types of validity used in psychological test. 15

5. Explain the following, giving the graphical representation for each : 4x5=20
 - (a) Histogram
 - (b) Frequency polygon
 - (c) Cumulative frequency curve
 - (d) Ogive

6. What is SPSS ? Describe operating windows in SPSS. Write down the basic steps in data analysis of SPSS. 5+10+5=20

7. In the format of a synopsis, briefly write synopsis for **any one** of the following : 20
 - (a) Prevalence of drug abuse in school children.
 - (b) Influence of work place on the family life of working women.
 - (c) Impact of family therapy on the care giver burden in family members of patient with schizophrenia.

8. (a) Discuss the steps involved in literature search. 10
 (b) Differentiate between a thesis and a research journal. 10

9. Write short notes on **any four** of the following :

- (a) Features of good research design 4x5=20
 - (b) Purpose of research design
 - (c) Pre-testing of questionnaire
 - (d) Advantages of questionnaire method
 - (e) Rank order correlation
 - (f) Title page of a research report
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