

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

Term-End Examination

December, 2012

**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. Write short notes on *any four* of the following : 4x5=20
- (a) Interpretive research paradigm
 - (b) Content validity
 - (c) Purposive sampling
 - (d) Advantages of questionnaire method
 - (e) Purpose of writing a synopsis
 - (f) Features of a good research design
2. (a) What do you mean by "research" ? With 10
the help of examples, explain the significance
of research in the context of counselling and
family therapy.
- (b) Discuss the characteristics of good research. 10

3. (a) Discuss the significance of the triangulation approach in research in the field of counselling and family therapy. 10
- (b) Explain, giving examples, 'deductive reasoning' and 'inductive reasoning'. 10
4. (a) What advice would you give to a beginning researcher regarding formulation of research questions ? Explain. 10
- (b) Describe the various types of scales used in psychological measurement. 10
5. (a) What is systematic sampling ? State its advantages and limitations. 10
- (b) Compare and contrast the purposive and quota sampling methods. 10
6. (a) How can the trustworthiness of qualitative research be ascertained ? Discuss. 10
- (b) Analyse the advantages, disadvantages, and limitations of experimental method. 10
7. (a) Describe the various techniques of representing quantitative data graphically, and describe any one of them in detail. 10
- (b) Compute Standard Deviation for the following data. 10
- 18, 25, 21, 19, 27, 31, 22, 25, 28, 20

8. (a) When are non-parametric tests generally used ? Describe any one non-parametric test that is commonly used in the case of independent samples. **10**
- (b) Discuss the difference between structured analysis and open - ended analysis. **10**
9. Write short notes on *any four* of the following : **4x5=20**
- (a) Case study method
- (b) Convenience sampling
- (c) Unstructured interview
- (d) Norms and standards
- (e) Characteristics of normal probability curve.
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