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

Term-End Examination

June, 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 *any ten* of the following briefly :   10x2=20

(a)   Research questions

(b)   Median

(c)   Qualitative approach

(d)   Randomization

(e)   Probability sampling

(f)   The Mann-Whitney U Test.

(g)   External homogeneity

(h)   Footnotes/In-text references

(i)   Abstract

(j)   Review article

(k)   Ongoing analysis versus analysis at the end of quantitative data analysis.

(l) Standard error of mean

(m) Close ended question

(n) Observation

2. Suppose as a counselling and family therapy **20** researcher you would like to study any one of the following problems :

Reasons for rise of divorce cases in metropolitan cities.

OR

Substance abuse among 15-18 year old school going children living in a village at Hisar, Haryana.

Plan a suitable research study to examine the prevalence and determinants 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. (a) Discuss significance of doing research in **10**
   counselling and family therapy area.

   (b) What are the features of a good research **5**
   design ?

   (c) Describe types of research designs. **5**

4. (a) Discuss the significance and importance of **10**
   a hypothesis.

   (b) Explain principles that should be kept in **10**
   mind when designing a social research. Give
   examples to support your answer.

5. (a) What would be the most appropriate **5**
   research method to study play behaviour
   among preschool children. Give reasons for
   your choice of research tool.

   (b) Discuss advantages of the research method **5**
   chosen by you.

   (c) Describe various types of the research **10**
   method chosen by you.

6. (a) Describe Chi square (χ^2) Test. Give its **10**
   formula also.

   (b) What is SPSS ? Explain the basic steps for **10**
   data analysis using SPSS.

7. With help of an example, explain the format of a **20** synopsis.

8. Write notes on *any two* of the following : **10x2=20**
   (a) Project report
   (b) Normal probability curve
   (c) Case study method.

9. (a) What do you understand by the term **5** standard deviation ?
   (b) Calculate standard deviation from the **15** following data :

Score	f
52-55	1
48-51	0
44-47	5
40-43	10
36-39	20
32-35	12
28-31	8
24-27	2
20-23	3
16-19	4