NAVRACHANA UNIVERSITY
a UGC recognized University

School: School of Liberal Studies and Education

Program/s: Master of Social Work

Year: 2nd   **Semester:**   3rd

Examination: End Semester Examination

Examination year: December - 2021

Course Code: SW 219   **Course Name:**   Social Work Research II

Date: 03/12/2021   **Total Marks:**   40

Time: 14:30 to 16:30pm   **Total Pages:**   2

Instructions:

→ *Write each answer on a new page.*
→ *Use of a calculator is permitted/not permitted.*
→ ** COs=Course Outcome mapping. # BTL=Bloom's Taxonomy Level mapping*

Q. No.	Details	Marks	COs*	BTL#
Q.1	. Explain Normal Probability Curve and its importance in data analysis.	10	CO1	BT2, BT4
Q.1	Or Explain the Scales of measurement with suitable illustration and type of data analysis technique that can be applied respectively.	10	CO1, CO2	BT1, BT4,
Q.2	Explain measures of central tendency and their respective importance.	10	CO1	BT2, BT3
Q.3	Explain measures of Variability and their respective application.	10	CO1,	BT2, BT3,
Q.3	Solve the sums given below and write its interpretation (each question is of 5 marks solve **any two**)	10	CO4	BT3,

a	Calculate standard deviation for the following sum, also mention whether the group is homogeneous or heterogeneous. 37-39 1 34-36 2 31-33 3 28-30 7 25-27 12 22-24 7 19-21 7 16-18 3 13-15 2 10-12 1			
b	42 lecturers were rated into three groups. Very effective, satisfactory and poor. In terms of their professional competency by their principal below; Very effective Satisfactory poor 16 20 6 Does the distribution of ratings differ significantly from that to be expected if professional competency is normally distributed in our population of lecturers?			
c	Two group of pre-medical students belonging to two different colleges took a standardized medical aptitude test. The data collected are as follows; Group A Group B Means 32 36 SD 6 7 N 145 145 Is there a significant difference between the two means?			
d	Find the correlation coefficient between the following two sets of scores. a) Subjects A B C D E F G H Test X 15 18 22 17 19 20 16 21 Test Y 40 42 50 45 43 46 41 41			
Q.4	Explain in detail trustworthiness and triangulation. (Or)	10	CO3	BT2

Q4.	Write short notes on:
	
	  a) Content analysis and coding.
	  b) Considerations for reporting qualitative research
		10	CO4	BT2
				
				BT4

***********End of Question Paper***********