

Enrollment No: _____ Exam Seat No: _____

C.U.SHAH UNIVERSITY

Summer Examination-2017

Subject Name: Statistical Application and Report Writing

Subject Code: 5SS02SAR1

Branch: MSW

Semester: 2

Date: 09/05/2017

Time: 02:00 To 05:00

Marks: 70

Instructions:

- (1) Use of Programmable calculator and any other electronic instrument is prohibited.
 - (2) Instructions written on main answer book are strictly to be obeyed.
 - (3) Draw neat diagrams and figures (if necessary) at right places.
 - (4) Assume suitable data if needed.
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SECTION – I

- Q-1 Attempt the Following questions (07)
- a. What is the importance of sample in Research? 01
 - b. What is Qualitative Research? 01
 - c. What are Coding and Tabulation in Research? 01
 - d. What do you mean by Population? 01
 - e. What is Universe? 01
 - f. What is the meaning of Cluster Sampling? 01
 - g. What is Stratified Sampling? 01
- Q-2 a. What is Non-Probability Sampling? Explain various types of it. (14)
- OR
- Q-2 b. Explain the concept, characteristics and steps of Case Study. (14)
- Q-3 a. What is Research Proposal? Narrate the detailed structure of Research Proposal. (14)
- OR
- Q-3 b. Explain the structure of Research Report and narrate various chapters included in Dissertation. (14)



SECTION – II

- Q-4 Attempt the Following questions (07)
- a. What is the use of Questionnaire in Research? 01
 - b. Narrate the skills required in Case Study. 01
 - c. Definition of Trivariate Data Analysis. 01
 - d. Explain the meaning of Chi Square Test. 01
 - e. What is Nominal measurement? 01
 - f. Definition of Ordinal Measurement. 01
 - g. What is meaning of Interval Measurement? 01

- Q-5 a. Find the Mean: (07)

Class	Frequency
0-10	8
10-20	7
20-30	10
30-40	15
40-50	6
50-60	17
60-70	12
70-80	13
80-90	16

- b. Find the value of χ^2 using Equal Probability. (07)

Psychology – 67 40 35 42 53 63

0.05 = 11.070

0.01 = 15.086

OR



Q-5 a. Find the value of X^2 by using 2 X 2 Apex Summary. (07)

	SOAP	
	Brand (1)	Brand (2)
Sex		
Male	10	40
Female	20	30

$$0.05 = 3.841$$

$$0.01 = 6.635$$

b. Find the Median. (07)

Class	Frequency
101-105	15
106-110	18
111-115	2
116-120	6
121-125	5
126-130	20
131-135	16
136-140	13
141-145	15
146-150	7

Q-6 Short Notes (Any Two) (14)

- Techniques in Sample Selection
- Need of Statistic in Research
- Difference between Qualitative and Quantitative Research

