UNIVERSITY OF ESWATINI

FACULTY OF SOCIAL SCIENCES

DEPARTMENT OF SOCIOLOGY AND SOCIAL WORK

FINAL EXAMINATION PAPER, MAY 2019

TITLE OF PAPER	:	QUANTATIVE SOCIAL RESEARCH METHODS
COURSE CODE	:	SOC 312
TIME ALLOWED	:	2 HOURS
INSTRUCTIONS	:	1. ANSWER ANY THREE (3) QUESTIONS
		2. SECTION A IS COMPULSORY
		3. ALL QUESTIONS CARRY EQUAL MARKS
		4. SIMPLE CALCULATOR IS ALLOWED
		5. TOTAL MARKS 100

THIS PAPER IS NOT TO BE OPENED UNTIL PERMISSION HAS BEEN GRANTED BY THE INVIGILATOR

SECTION A: COMPULSORY

QUESTION 1

Define sampling and explain types of sampling in sociological research.

SECTION B: ANSWER ANY TWO (2) QUESTIONS

QUESTION 2

The following are the marks obtained by 50 students in a test:

62, 21, 26, 32, 56, 36, 37, 39, 53, 40, 54, 42

44, 61, 68, 28, 33, 56, 57, 37, 52, 39, 40, 54

43, 43, 63, 30, 34, 58, 35, 38, 50, 38, 52, 41

51, 44, 41, 42, 43, 45, 46, 45, 47, 48, 49, 45

46, 48.

Construct a frequency table by clearly following the steps involved and calculate median value of the given information.

QUESTION 3

Compute 5 year totals and the moving average trend for the following:

2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
35	48	77	45	54	68	71	42	39	88	57	32	18	91	74

QUESTION 4

Calculate the correlation coefficient of the following heights(in inches) of fathers(X) and their sons(Y) by applying Karl Pearson's correlation co-efficient method and interpret:

X:	65	66	67	68	65	69	70	62
Y:	67	68	65	68	75	72	69	61

QUESTION 5

a. What are the preliminary considerations for designing a questionnaire?

b. Explain the advantages and disadvantage of a questionnaire method in personal interview.

QUESTION 6

Illustrate with example(s) the relationship between central tendencies.