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E+R

SEAT No. _____

No. of Printed Pages : 2

SARDAR PATEL UNIVERSITY
B.ED (IV SEMESTER) Examination
Saturday, 30th March, 2019
UEO4EBD209: Statistics in Educational Research

Time: 2:00 P.M to 3:30P.M

Marks: 35

Note:- (i) All the questions are compulsory.

(ii) The figures in the brackets to the extreme right indicate marks.

Que. 1 Answer any four of the following questions.

(08)

- (1) Calculate the Mean and Median of 41, 46, 49, 50, 51, 54, 59.
- (2) State the four characteristics of Hypothesis.
- (3) Write any four points of difference between Evaluation and Measurement.
- (4) Explain the meaning of validity?
- (5) Write the scales of measurement and explain one of them with illustration.

Que.- 2 Answer in detail any one of the following questions.

(10)

- (1) Write an article on "Item Analysis" to be published in GHARSHALA magazine.
- (2) Calculate the following sums.

(A) The items in an Attitude of trainees towards youth week programme in college, are answered by and underling one of the following phrases: Strongly Agree, Agree, Neutral, Disagree, Strongly disagree. The distribution of answers to an item marked by 250 subjects is shown under given table.

Strongly Agree	Agree	Neutral	Disagree	Strongly disagree	Total
55	70	40	65	20	250

Can this group of trainees' show their attitude towards the significant of youth week Programme?

- (B) Find out the correlation between the two tests of scores given table, using the Method of Product Moment Method.

Student	1	2	3	4	5	6	7	8	9	10
Test-I	30	28	26	24	22	20	18	16	14	12
Test-II	12	13	11	10	9	8	9	7	6	5

Que.-3 Answer any three of the following Questions.

(09)

- (1) Explain the types of Variable with illustration.
- (2) Calculate the Quartile deviation of 49, 40, 42, 59, 53, 63, 45, 57.
- (3) Explain the stratified random Sampling with illustration.
- (4) Find out the Mean, median and mode of 15, 32, 22, 47, 53, 56, 43, 36, 58.

Que.-4 Answer any two of the following short notes.

(08)

- (1) Types of Reliability
- (2) Stages of Evaluation Process.
- (3) Importance of Educational Research

CP.T.07

(1)