COOCH BEHAR PANCHANAN BARMA UNIVERSITY
B.A. Honours 6th Semester Examination, 2021

EDUCATION

STATISTICS IN EDUCATION

CORE-14

Time Allotted: 2 Hours   Full Marks: 40

The figures in the margin indicate full marks.
Candidates are required to give their answers in their own words as far as practicable.

Answer any *two* questions from the following   20×2 = 40

1. What is data? Organize the following data in a frequency table. Calculate QD.   2+6+12

   Scores in an achievement test

   61, 21, 26, 32, 56, 36, 37, 39, 53, 40, 54, 42, 44, 61, 68, 28, 33, 56, 57, 37, 52, 39, 40, 54, 42, 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

2. Write down the properties of a Normal Probability Curve. Compute Skewness and Kurtosis from the given data and interpret the result.   6+10+4

Score	70-74	65-69	60-64	55-59	50-54	45-49	40-44	35-39	30-34	25-29
F	3	4	7	12	14	21	17	15	10	2

3. What do you mean by correlation? Compute correlation for the following data using Rank Difference Method and interpret the result.   4+12+4

Individuals	Marks in History	Marks in Geography
A	80	82
B	45	86
C	55	50
D	56	48
E	58	60
F	60	62
G	65	64
H	68	65
I	70	70
J	75	74
K	85	90

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