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B.A. Honours

Assignment for Internal Examination, 2021-22

Semester: IV TIC A.PAUL

Education- Honours   Paper Code: EDCACOR10T

1. Answer any two of the following questions: 15×2

   a) What is meant by statistics? Write the uses of statistics in the field of education and psychology.

   b) What is meant by coefficient of correlation? Discuss the types of coefficient of correlation. Determine the coefficient of coherence from the following two categories of data and comment on the results obtained.

X	15	12	17	14	15	20	21	14	16	13
Y	11	17	15	11	12	16	19	10	15	18

   c) What is meant by measurement of central tendency? Write two uses of the each measures of central tendency. Find the mean and mean from the following distribution.

Score	40-45	46-51	52-57	58-63	64-69	70-75	76-81	82-87	88-93
F	4	3	6	12	9	2	5	5	4

   d) Draw an Ogive from the following distribution. Determine the value of P_{75} and the PR of 43 score.

Score	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59
F	2	8	7	11	12	9	6	5

2. Answer any two of the following questions: 5×2

   a) What is Z-score? Discuss the advantages of Z-score.

   b) Find the Median of the following scores. If 76 is added to this, what will be the median?

   78, 89, 65, 74, 100, 95, 63. 76, 75, 107

   c) What is a normal curve? Discuss the features of Normal curve.