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CES COLLEGE OF ARTS AND COMMERCE CUNCOLIM- SALCETE- GOA
SY BA IVth SEMESTER END EXAMINATION, April , 2018
RESEARCH METHODOLOGY II (ALLIED ECONOMICS)

DURATION- 2 hours

TIME 10.00 am to 12.00 noon.

Date: 03/05/2018

Marks: 80

Instructions:

1. All questions are compulsory.
2. Answer each section of Q.1 and Q.2 in maximum 100 words each.
3. Questions QIII to QVI should be answered in maximum 400 words each.
4. Figures to the right indicate full marks.

Q. I Answer any **four** of the following.

(4* 4=16)

1. What is a tabulation of data? Highlight the main objectives of tabulation
2. Distinguish between dispersion and skewness
3. Write a short note on kurtosis.
4. Explain the significance of scheduled method.
5. Highlight any four merits of questionnaire.
6. Find out mean from the following data

X	5	10	15	20	25	30	35	40	45	50
Frequency	20	43	75	67	72	45	39	9	8	6

Q. II Answer any **four** of the following.

(4* 4=16)

1. What is correlation? Explain any two types of correlations.
2. Explain the objectives of time series analysis
3. Write a short note on method of Least square method
4. Highlight the various advantages of review of literature.
5. Write a short note on bibliography.
6. Find out the standard deviation from the following data.

Marks = 20, 22, 27, 30, 31, 32, 35, 40, 45

Q III A) What is interview method? Highlight its merits and demerits.

(12)

OR

B) What is classification? Explain any four types of classification.

(12)

QIV A) Define skewness. Explain the test and objectives of skewness

(12)

OR

P.T.O.

(12)

B) Calculate mean, median and mode from the following data.

Monthly income	Less than 200	200-300	300-400	400-500	500-600	600-700	700-800	800-900	900-1000	Above 1000
Frequency	2	4	6	12	12	20	10	7	5	2

(12)

Q V A) Find out the following

Statistical measures	Sales in cores	Advertising expenditure
Means	40	6
Standard deviation	10	1.5
Coefficient correlation	0.9	

1. Estimate likely sales for a proposed advertising expenditure of Rs 10 cr.
2. What should be advertising expenditure if the firm proposed a sales target of 60 cr.?

OR

B) Find out Karl Pearson correlation coefficient.

(12)

Marks in statistics	65	66	67	67	68	69	70	72
Marks in math's	67	68	65	68	72	72	69	71

QVI A) What is report writing? Highlight various steps of report writing.

(12)

OR

B) What is synopsis? Highlight the various steps to prepare the synopsis.

(12)