

ST. JOSEPH'S COLLEGE (AUTONOMOUS), BANGALORE-27

B.A .ECONOMICS -III SEMESTER

Mid Semester Test – AUGUST 2019

ECA 317: STATISTICAL METHODS FOR ECONOMICS

Time: 1.00 Hour

Max. Marks: 30

this question paper has 2 printed pages and 2 parts.

Part – A

I Answer any 5 of the following

[5x 3 = 15]

1. State the meaning of statistics. Mention any two limitations of statistics.
2. In a survey of 35 families in a village, the number of children per family were recorded and following data obtained. Represent the data in the form of a discrete frequency distribution.

1	0	2	3	4	5	6
7	2	3	4	0	2	5
8	4	5	12	6	3	2
7	6	5	3	3	7	8
9	7	9	4	5	4	3

3. Represent the following data by an appropriate diagram

Year	Sales (000 Rs)	Gross Profit (000 Rs)	Net Profit (000 Rs)
2000	120	40	20
2001	135	45	30
2002	140	55	35
2003	150	60	40

4. Mention the types of classification
5. Locate the Mean from the following by deviation method

X .	10-20	20-30	30-40	40-50	50-60
F	3	4	10	5	2

6. Find median from the following

X	0-20	20-40	40-60	60-80	80-100
F	5	7	15	20	20

Part – B

II. . Answer any 1 of the following

[1x 15 = 15]

7. Discuss the scope and importance of statistical methods in Economics. What are its limitations?

8. Find the mode by grouping method

Class interval	5-6	6-7	7-8	8-9	9-10	10-11	50-60	60-70	70-80	80-90	90-100	100-110
f	10	2	20	3	8	4	3	7	17	19	16	4