Following Paper ID and Roll No. to be filled in your Answer Book.

PAPER ID : 29251 | Roll No.

Integrated LLB. Examination-2019-20

(Odd Semester)

ECONOMICS-V

Time : Three Hours]   *[Maximum Marks : 60*

Note :– Attempt all questions.

SECTION - A

1. Answer all parts of the followings. $8 \times 1 = 8$

   (a) Define Statistics.

   (b) Define schedule.

   (c) What do you mean by geometric mean?

   (d) Define quartile

   (e) What do you mean by index number?

   (f) Differentiate between quota and chester sampling.

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(g) Explain trend analysis.

(h) Define tabulations.

SECTION -B

2. Attempt any two parts of the following. 2×6=12

(a) Discuss the scope and importance of statistics.

(b) What are the various methods of collecting primary statistical data? Explain.

(c) Calculate Fisher's ideal index nmber for 1990 based on 1989 from the given data

Commodity	Baseyear		Current year	
	Price(perunit)	Expenses	Price (perunit)	Expenses
A	4	80	10	150
B	8	32	16	80
C	2	20	4	48
D	10	50	20	120

(d) Calculate mean deviation from mean and median and their coefficients for the data given below using short cut method :

Age(inyears) :	No. of person :
10-15	12
15-20	18
20-25	35
25-30	42
30-35	50
35-40	45
40-45	20
45-50	8

SECTION -C

Note :– Attempt all questions. Attempt any two questions from each part. $5 \times 8 = 40$

3. (a) What are the main stages of statistical investigation? Explain.

    (b) What are the main features of classification? Explain.

    (c) Explain the merits and demerits of question deviation.

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4. (a) Obtain mean, median and mode of the following data :

Age(in years) :	No. of persons :
10-25	6
25-40	20
40-55	44
55-70	26
70-85	03
85-100	01

(b) Discuss merits, demerits and uses of range.

(c) Calculate quartile deviation and its co-efficient from the following data:

Age group :	No. of workers:
16-20	36
21-25	98
26-30	274
31-35	204
36-40	133

41-45	109
46-50	91
51-55	51

5. (a) Find arithmetic, mean and standard deviation from the data given below :

Marks :	Students :
1-5	7
6-10	10
11-15	16
16-20	32
21-25	24
26-30	18
31-35	10
36-40	5
41-45	1

(b) Explain utility and importance of correlation analysis.

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(c) State and explain the general rules for constructing a table.

6. (a) Differentiate between qustionnaire and schedule.

   (b) State the utility and limitations of index number.

   (c) From the data given below, find Karl Pearsons coefficient of skewness :

Marks (lessthan) :	Frequency :
20	3
30	14
40	30
50	60
60	75
70	85
80	92
90	97
100	100

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