S.No	Question	Option A	Option B	Option C	Option D	answers
	Business Statistics(209) Course- B.com(hons) Sem-3					
1	Index number for base year is always considered as------	100	101	200	201	a
2	Index number is a special type of ----------	Average	dispersion	correlation	none of the above	a
3	A period for which index number is determined is called as ------	current period	base period	. Normal period.	None of the above	a
4	Laspeyre's index = 110, Paasche's index = 108, then Fisher's Ideal index is equal to:	110	108	100	109	d
5	Index number calculated by Fisher's formula is ideal because it satisfy:	Circular test	Factor reversal test		All of the above	d
6	In the regression equation Y = 75.65 + 0.50X, the intercept is	75.65	0.5	1	intereminable	a
7	The coefficient of determination must be	between -1 and +1	between -1 and 0	between 0 and 1	equal to SSE/(n-2)	a
8	In the regression equation Y = a+bX, the Y is called:	Independent variable	Dependent variable	Continuous variable	None of the above	b
9	How many type of data are there in Statistics	2	3	4	5	A
10	_____is data that is collected by a researcher from first-hand sources	Primary data	Secondary data	both	none	A
11	_____is data gathered from studies, surveys, or experiments that have been run by other people or for other research.	Primary data	Secondary data	both	none	B
12	What are the method of collecting Primary Data	Interview	observation	Questionnair	All of the above	d
13	A measure of _____ is a single value that attempts to describe a set of data by identifying the central position within that set of	Central Tendency	Mean	Median	Mode	a
14	_____Represents the sum of all values in a dataset divided by the total number of the values.	Mean	Median	Mode	None	A
15	Find the mean of 13,18,13,14,13,16,14,21,13	123.444	125.666	154	132	a
16	how many types of series are there	3	2	5	4	a
17	Find the median of the set = { 11,22,33,55,66,99 }	55	44	33	22	b

S.No	Question	Option A	Option B	Option C	Option D	answers
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18	Find the mode of the Set = {1,3,3,6,9}	3	6	9	1	a
19	Roger bowled 7 games last weekend. His scores are: 155, 165, 138, 172, 127, 193, 142. What is the range of Roger's scores?	77	66	155	38	b
21	Find the mode of the set (8, 5, 7, 10, 15, 21, 5, 7, 2, 5)	15	21	7	5	d
22	Find the median of the set of numbers: 100, 200, 450, 29, 1029, 300 and 2001.	300	29	7	4080	a
23	The median of the data 13, 15, 16, 17, 19, 20 is:	30/2	31/2	33/2	35/2	c
24	Find the mode of 8, 5, 7, 10, 15, 21, 5, 7, 2, 5	5	7	2	10	b
25	Find the median of the set of numbers: 21, 3, 7, 17, 19, 31, 46, 20 and 43.	19	20	3	16	b
26	The following numbers represent the ages of people on a bus: 3, 6, 27, 13, 6, 8, 12, 20, 5, 10. Calculate their mean of their ages.	11	6	9	110	a
27	if the mean is 11 and the median is13 then the value of mode is	15	13	11	17	d
28	If the mode is 14 and value of mean is 5 then the value of median is	12	18	8	14	c
29	The sample mean is a	Parameter	statistics	variable	constant	b
30	The suitable average for qualitative data is	mean	median	mode	Geometric mean	b
	Subjective Question					
31	Define Central Tendency					
32	what is Standard Deviation					
33	write any 2 types of correlation.					
34	Write any 2 problems related to Index number.					
35	Write a short note on measures of variation.					