

B K BIRLA CENTRE FOR EDUCATION SARALA BIRLA GROUP OF SCHOOLS SENIOR SECONDARY CO-ED DAY CUM BOYS' RESIDENTIAL SCHOOL POST MID-TERM (2024-25) ECONOMICS (030) CLASS XI



M.M:25

Date: 06/01/2025 <u>Admission No.</u> All questions are compulsory:

 Read the following statements carefully Statement 1 – Primary data are original in or Statement 2 – Data are collected by the inv Alternatives: a) Both statements are true. b) Both statements are false. 	and choose the correct alternatives given below: character. restigator for his own purpose for the first time.	1)
c) Statement 1 is true and Statement 2 is fa	lse.	
d) Statement 2 is true and Statement 1 is fa	lse.	
2. Data collected by an economics student report isa) Primary datac) Sample data	from the government publication to prepare a project b) Secondary data d) None of the above	1)
3. Captions is the title given to:		1)
(a) Columns	(b) Rows	,
(c) Head note	(d) Stubs	
 4. There are two statements given below, marked as Assertion (A) and Reason (R). Read the statements and choose the correct option. Assertion (A): The purpose of the sample is to get one or more estimate of the population parameters. 		

Reason (R): A good sample (representative sample) is generally smaller than the population and is capable of providing reasonably accurate information about the population at a much lower cost and shorter time.

a) Both Assertion (A) and Reason (R) is true but Reason (R) is the correct explanation of Assertion (A)

b) Both Assertion (A) and Reason (R) is true but Reason (R) is not the correct explanation of Assertion (A).

c) Assertion (A) is true but Reason (R) is false.

d) Assertion (A) is false but Reason (R) is true.

5. Mathematical method to measure correlat	ion:	1)
a) Karl Pearson's method	b) Rank correlation method	
c) both (a) and (b)	d) Neither (a) nor (b)	

6. An investigator has collected the required information by personal interview with the informant. 2) What type of data will it be called? Mention its two features.

7. Explain two qualities of a good sample.

2)

8. Arrange the following information on marks obtained by 20 students in the form of a continuous series (exclusive):

9. Using data given below, find out Karl Pearson's coefficient of correlation using Step-Deviation Method.

Marks in Economics	4	6	8	10	12
Mark in English	6	8	10	12	14

10. Calculate the rank coefficient of correlation from the following data.

Х	25	45	35	40	15	19	35	42
Y	55	60	30	35	40	42	36	48

11.(a) Present the population of India according to workers and non-workers by gender and location 2001 in a tabular form. 3)

(b) Explain briefly the difference between Census method and Sample method on the basis of Coverage, Cost, Accuracy, Time and Verification. 3)

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4)

4)