

DELHI PUBLI SCHOOL, JAMMU

ECONOMICS ASSIGNMENT

SESSION-2019-20

CLASS-XI

Q1. Explain the characteristics of good classification.

Q2. Explain the methods of sampling.

Q3. What are the limitations of statistics?

Q4. Explain the published sources of secondary data.

Q5. Write a short note on the following-

- a) NSSO
- b) Census of India

Q6. Differentiate between direct personal investigation and indirect oral investigation.

Q7. Explain the characteristics of statistics as a plural sense.

Q8. What are the qualities of good questionnaire?

Q9. Differentiate between census and sample methods.

Q10. What are essentials of a good diagram?

Q11. Find the median of the data:

X	160	150	152	161	156
f	5	8	6	3	7

Q12. If the median of the following frequency distribution is 46, find the missing frequencies, f_1 and f_2 .

Variable	10-20	20-30	30-40	40-50	50-60	60-70	70-80	Total
Frequency	12	30	f_1	65	f_2	25	18	229

Q13. Calculate mode by grouping method.

Class Interval	0-8	8-16	16-24	24-32	32-40	40-48
Frequency	8	7	16	24	15	7

Q14. Calculate the mean deviation from the mean for the following weight distribution:

Weight(in g)	0-5	5-10	10-15	15-20	20-25
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No. of items produced	5	8	15	16	6
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Q15. Calculate semi-interquartile range and coefficient of quartile deviation for the following data:

Age(in years)	15-25	25-35	35-45	45-55	55-65	65-75	75-85
No. of Persons	3	61	132	153	140	51	3

Q16. Calculate standard deviation for the following by short –cut method using assumed mean as 32.

1	2	3	4	5	6	7	8	9	10
20	22	27	30	31	32	35	40	45	48

Q17. From the following data, find out coefficient of rank correlation between price and supply.

Price	4	6	8	10	12	14	16	18
Supply	10	15	20	25	30	35	40	45

Q18. Compute i) Laspeyre's, ii) Paasche's, iii) Fisher's, index numbers from the following data

Items	p_0	q_0	p_1	q_1
A	10	4	12	6
B	15	6	20	4
C	2	5	5	3
D	4	9	4	4

Q19. Give three reasons for an “increase in demand” of a commodity

Q20. Explain the central problem ‘what to produce’.

Q21. Explain the factors affecting demand.

Q22. Explain the relationship between AC, MC and AVC.

Q23. Differentiate between perfect competition and monopoly.

Q24. Explain the factors affecting price elasticity of demand?

Q25. Differentiate between change in of quantity supply and change in quantity supplied?

Q26. Define economic problem. Why do they arise?

Q27. Explain the law of diminishing marginal utility with its schedule and diagram.

Q28. Explain the law of demand with its schedule and diagram?

Q29. Define production possibility curve. Explain with the help of schedule, assumptions and diagram.

Q30. Define demand schedule. Why there is an inverse relationship between price and quantity demanded?

Q31. Explain consumer's equilibrium in two commodity case.

Q32. Define indifference curve. Explain properties of indifference curve.

Q33. Explain the law of variable proportion.

Q34. Define the term oligopoly. Also explain the features of oligopoly.