

PRACTICE QUESTIONS
SUBJECT - ECONOMICS
CLASS – XI

Part-A (Statistics)

1. Prepare a frequency series of 25 students of class-XI in your school.

15,16,16,17,18,18,17,15,15,16,16,17,15,16,16,15,16,16,15,17,17,17,18,19,16,15.

2. In a sample study about the coffee habits in two towns, following data were observed:

Town X: 52% persons were males

 25% were coffee drinkers, and

 16% were male coffee drinkers.

Town Y: 55% persons were males

 28% were coffee drinkers, and

 18% were male coffee drinkers.

Represent the above data in a tabular form.

3. Represent the following data by a percentage bar diagram:

subjects	No of students	
	2010-11	2011-12
Statistics	25	30
Economics	40	42
History	35	28
	100	100

4. In 2011-12, Net Domestic Product by Industry of origin (at 2004-05) is as given below. Present This information in the form of a pie diagram.

Sector	% share
Primary	16.2
Secondary	25.4
Transport	27.5
Finance and insurance	18.1
Community and social service	12.8
	100

5. Present the following data in the form of a frequency polygon.

Marks	10-20	20-30	30-40	40-50	50-60	60-70
No. of Students	10	15	20	22	15	10

6. Following data relate to the marks secured by students in their Statistics paper. Graph this data in the form of less than Ogive and more than ogive

Marks	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40
No. of students	4	6	10	10	25	22	18	5

7. Wage rate of 19 workers is given below:

Wages	10	20	30	40	50
No. of Workers	4	5	3	2	5

Calculate arithmetic mean using 'Step-deviation Method'.

8. Calculate the lower quartile and the upper quartile from the following data;

Wages	0-10	10-20	20-30	30-40	40-50
No. of Workers	22	38	46	35	19

9. Calculate mode of the following series:(by grouping method)

Class Intervals	0-5	5-10	10-15	15-20	20-25	25-30	30-35
Frequency	1	2	10	4	10	9	2

10. Calculate median of the following distribution of data:

Class interval	1-10	11-20	21-30	31-40	41-50
Frequency	4	12	20	9	5

11. Calculate the mode from the following data:

Class Interval	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59
Frequency	3	5	10	20	12	6	3	1

12. Given the data, find out quartile deviation and the coefficient of quartile deviation.

Wages	0-5	5-10	10-15	15-20	20-25	25-30
No. of Workers	4	6	3	8	12	7

13. Calculate standard deviation and its coefficient from the following:

X	0-9	10-19	20-29	30-39	40-49
f	4	8	20	10	8

14. Calculate standard deviation from the following:

Marks(below)	20	40	60	80	100
No. of students	8	20	50	70	80

15. Calculate Karl Pearson's coefficient of correlation for the ages of husband and wife:

Age of husband	23	27	28	32	37	39
Age of wife	18	20	24	25	27	29

16. Two ladies are asked to rank 7 different types of Lipsticks. The ranks are given below:

LIPATICKS	A	B	C	D	E	F	G
Lady X	2	1	4	3	5	7	6
Lady Y	1	3	2	4	5	6	7

17. Compute index number by using simple aggregative method from the following:

A	B	C	D
40	60	20	30
55	80	40	50

18. Calculate price index number by- a) Laspeyres's method b) Paasche's method

commodities	PRICE(2004)	Qty (2004)	PRICE(2007)	QTY (2007)
A	20	8	40	6
B	50	10	60	5
C	40	15	50	10
D	20	20	20	15

Part-B (Indian Economics Development)

19. a) _____ is described as the year of great divide.
 - b) _____ refers to fixing the specified limits of land, which could be owned by an individual.
 - c) Selling off part of the equity of PSU'S is called _____.
 - d) Define four main objectives of education.
 - e) Define worker population ratio
20. What was the state of India's foreign trade under British Rule?
 21. Highlight the salient features of India's pre-independence occupational structure.
 22. Why did India change its economic policies in 1991?
 23. What factors should be considered while defining poverty line?
 24. Differentiate between physical capital and human capital.
 25. Explain any four causes of inflation.
 26. What do you mean by transmission and distribution losses? How can they be reduced?
 27. Distinguish between 'Golden Revolution' and 'Green Revolution'.
 28. Identify the benefits and limitations of organic farming.
 29. Compared to urban women, more rural women are found working. Why?

30. Why was it necessary for a developing country like India to follow self reliance as a planning objective?
31. Explain how import substitution can protect domestic industry.
32. Evaluate the efforts made to solve the problem of poverty.
33. Why are employment generation programmes important in poverty alleviation in India?
34. Define four main objectives of education.
35. Discuss the following – Are we able to achieve ‘Education for all’ objective
36. In spite of oppressive policies pursued by the British, Indians managed to initiate industrial progress. What value system is exhibited through their attitude towards agricultural progress?
37. Which values should be considered while framing five year plans of a country?
38. Mr Sam has started a new business. He intends to spend a huge amount on training his workers before putting them to work. How do you justify the expenditure incurred on training the workers.
39. Sustainable development refers to the development strategy to meet the needs of the present generation without compromising the needs of future generation. Which values do you suggest to be observed to support the concept of sustainable development.
