

MODEL QUESTION PAPER-I (UNSOLVED)

CLASS : XI

SUBJECT : ECONOMICS

Time Allowed : 3 hours

Maximum Marks: 80

SECTION-A

1. Define standard Deviation. (1)
 2. What is inclusive series? (1)
 3. Which of the following is an economic activity: (1)
 - (a) Consumption
 - (b) Production
 - (c) Distribution
 - (d) All the above
 4. The number of times an item repeat it self in the series, is known as _____. (1)
 5. The Arithmetic mean of 10, 15, X, 20, 30 is 20. What is the value of X. (1)
 - (a) 5
 - (b) 15
 - (c) 25
 - (d) 35
 6. Choose the correct formula of Quartile Deviation: (1)
 - (a) $\frac{Q_1 - Q_3}{2}$
 - (b) $\frac{Q_1 + Q_3}{2}$
 - (c) $\frac{Q_3 + Q_1}{2}$
 - (d) $\frac{Q_3 - Q_1}{2}$
 7. If due to increase in the value of variable X, value of variable Y also increases, then what type of correlation exist between variables X and Y? (1)
 8. Choose the correct match
 - (a) Semi-Inter quartile Range $\Rightarrow \frac{\sum fx}{N}$
 - (b) Coefficient of Range \Rightarrow Highest value-smallest value
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(c) Arithmetic mean $\Rightarrow \frac{N+1}{2}$ th item

(d) Mean Deviation $\Rightarrow \frac{\sum f |D|}{N}$

9. What does '0' indicate in price index P_{01} ?
(a) Base year (b) Current year
(c) Last year (d) All of the above
10. Write one demerit of median. (1)

OR

Write one merit of mean.

11. Distinguish between discrete variables and continuous variables. (3)

OR

Distinguish between the census method and sample method.

12. State any three limitations of statistics. (3)
13. Write the four uses of consumer price index. (4)

OR

Define mode. Write its three demerits.

14. Draw Histogram and Frequency Polygon with the help of the following data: (4)

Wages	0-20	20-40	40-60	60-80	80-100
No. of Workesrs	28	46	54	42	30

15. If $N = 100$ and Median = 30, then find missing frequencies: (4)

Marks	0-10	10-20	20-30	30-40	40-50	50-60
No. of Students	10	–	25	30	–	10

16. Calculate the coefficient of correlation of the following data by the spearnan's Rank Correlation method: (6)

X	19	24	12	23	19	16
Y	9	22	20	14	22	18

17. Calculate the standard deviation from the following data by step deviation method: (6)

Maks	0-10	10-20	20-30	30-40	40-50
No. of students	4	3	6	4	2

OR

Calculate Mean Deviation from median from following data.

Size	0-10	10-20	20-30	30-40	40-50
Frequency	1	2	4	1	2

SECTION-B

18. 'Homogenous Products' is a characteristic of: (Choose the correct alternative) (1)
- (a) Perfect Competition only (b) Perfect Dligopoly only
(c) Both (a) and (b) (d) None of the above
19. Suppose total revenue is rising at a constant rate as more and more units of a commodity are sold, marginal revenue would be: (Choose the correct alternative) (1)
- (a) Greater than average revenue
(b) Equal to average reveence
(c) Less than average revenue
(d) Rising
20. Which of the folloiwng cost can never be zero? (1)
- (a) Total variable cost (b) Marginal cost
(c) Average variable cost (d) Average Fixed cost

21. Suppose 10000 Labourers migrate from India to U.S. India's PPC would move: (1)
- (a) Towards right (b) Towards left
(c) Does not change (d) None of these

22. Define Budget set. (1)

23. Choose the correct match: (1)

- (a) MRS decreases \Rightarrow Indifference curve will downward sloping concave to the origin.
- (b) MRS constant \Rightarrow Indifference curve will downward sloping straight line.
- (c) MRS increases \Rightarrow Indifference curve will parallel to X axis.
- (d) MRS increases \Rightarrow Indifference curve will downward sloping convex to the origin.

24. The average product curve in the input-output plane, will be _____ shaped curve. (1)

25. Define Inelastic Demand. (1)

OR

Define Elastic Demand.

26. After consuming 3 ice-cream continuously, marginal utility of a consumer from 4th ice-cream will _____? _____. (1)

27. State the condition of consumer Equilibrium in one commodity case. (1)

28. Explain the central problem of 'choice of technique'. (3)

29. What is maximum price ceiling? Explain its implications. (3)

OR

Explain the chain effects, if the prevailing market price is below the equilibrium price.

30. Price Elasticity of supply of a good is 2. A producer supplies 100 units of a good at a price of ₹ 20 per unit. At what price will he supply 80 units? (4)

31. What do you mean by leftward shifting of demand curve? State any three reasons for leftward shifting demand curve. (4)

OR

What do you mean by rightward shifting of demand curve? State any three reason for rightward shifting of demand curve.

32. What do you mean by monotonic preference? Why does higher indifference curve represents higher level of satisfachion? (4)
33. Explain the determination of producer's equilibrium wiht the help of marginal cost and marginal revenue schedule. (6)
34. Explain the implication of the following in a perfectly competitive market: (6)
- (a) large number of buyers
 - (b) Freedom of entry and exit to firms

OR

Expalin the implications of the following in an oligopoly market:

- (a) Inter-dependence between firms
- (b) Non price competition