Delhi Public School, Howrah

PERIODIC TEST II - (2025-2026)

Class-XI

Care must be taken not to write anything on the question paper. All the questions must be attempted in the correct sequence.

SUBJECT: ECONOMICS (CODE-30)

Time Allowed - 3 Hours **Maximum Marks - 80**

General Instructions:

1. This question paper contains two sections:
   Section A – Statistics for Economics
   Section B – Micro Economics
2. This paper contains 20 Multiple Choice Questions type questions of 1 mark each.
3. This paper contains 4 Short Answer Questions type questions of 3 marks each to be answered in 60 to 80 words.
4. This paper contains 6 Short Answer Questions type questions of 4 marks each to be answered in 80 to 100 words.
5. This paper contains 4 Long Answer Questions type questions of 6 marks each to be answered in 100 to 150 words.

PART -A

STATISTICS FOR ECONOMICS

1. Read the following statements carefully: 1
   Statement I: Company's Annual Report on Profit and Loss is an example of internal source of data.
   Statement II: Internal Data can be collected from primary as well as secondary sources.
   Choose the correct option from the options given below:
   A. Statement I is true and II is false.
   B. Statement II is true and I is false.
   C. Both the statements are true.
   D. Both the statements are false.
2. In a class of 50 students, a study was conducted to find the study pattern. Out of the 20 students surveyed, 50% has joined coaching classes. What is the population and the sample size? 1
   A. 50 and 25
   B. 20 and 10
   C. 50 and 20
   D. 20 and 5
3. Read the following statements Assertion (A) and Reason (R). Choose one of correct alternatives given below: 1
   Assertion (A) : Textual presentation of data is most suitable when the quantum of data is not very large.
   Reason (R) : A serious drawback of the textual presentation of data is that one has to go through the entire text before quantitative facts about a phenomenon became evident.
   A. Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion (A) .
   B. Both Assertion (A) and Reason (R) are 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.
4. Identify the odd-one out. 1
   A. Purchase of ice cream on a hot summer day.
   B. Production of shirts in a factory.
   C. Charity for COVID Victims.
   D. Teacher teaching in a coaching institute.

5. Which one is incorrect among the following statements? 1

A. The investigator meets the informants directly and collects information, in the case of a direct personal interview.

B. The investigator meets and collects information from the informants directly, in the case of an indirect interview.

C. The researcher primarily collects data by observing, in the case of the observation method.

D. All of the above.

6. Arrange the following in a proper sequence and choose the correct alternatives from the following: 1

(i) It involves presenting the data in a manner which is easy and simple to understand.
(ii) It involves classification of data and arranging them in proper sequence.
(iii) It involves drawing conclusions related to area of investigation.
(iv) This involves performing some mathematical calculations to derive some concrete result.

A. (ii), (i), (iv), (iii)
B. (i), (ii), (iv), (iii)
C. (iv), (ii), (iii),(i)
D. (iii), (i), (ii), (iv)

7. Mohit scored 75 marks out of 100 in Economics Exam. Which of the following features is missing from the given statement? 1

A. It is a quantitative information.
B. It allows comparisons.
C. Both (a) and (b)
D. Neither (a) nor (b)

8. Read the following statements Assertion (A) and Reason (R). Choose one of correct alternatives given below:' 1

Assertion (A) : Census method is also known as '100% Enumeration'.

Reason (R) : Data is collected from each and every element of the population under census method.

Alternatives :

A. Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion (A) .

B. Both Assertion (A) and Reason (R) are 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.

9. Match the statements given under Column I with the correct options given under Column II. 1

Column I		Column II	
a	Temporal Classification	(i)	Bus Route No. as per the area/ location covered
b	Geographical Classification	(ii)	Covid Vaccination data based on age group
c	Qualitative Classification	(iii)	Number of workers on the basis of their wage level
d	Quantitative Classification	(iv)	Performance of a student in past 4 years

Alternatives :

A. c-i, a-ii ,d-iii, b-iv
B. a-i, b-ii,c-iii, d-iv
C. b- i. a-ii,c-iii, d-iv
D. d-i, b-ii, a-iii, c-iv

10. Relative Magnitude of the Mean, Median, Mode is _____________. 1

A. AM>Median<Mode / AM<Median>Mode.
B. AM>Median>Mode / AM>Median<Mode.
C. AM<Median>Mode / AM<Median<Mode.
D. AM>Median>Mode / AM<Median<Mode.

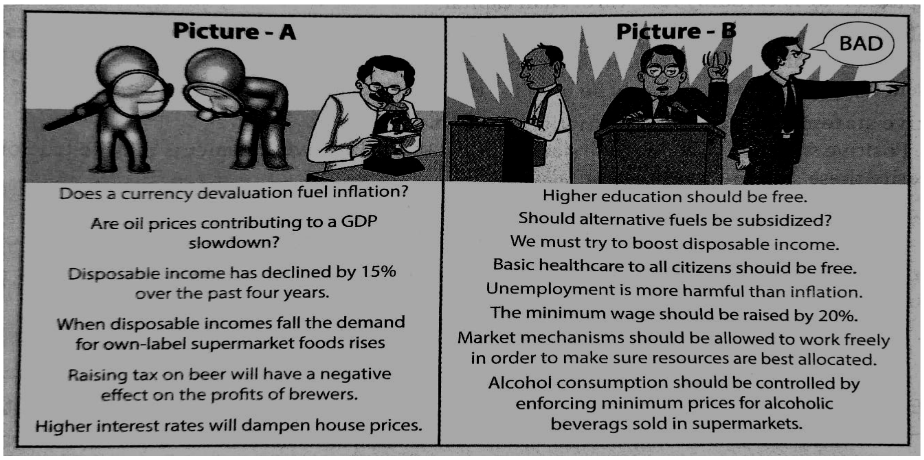
11.A Giving reasons, state whether the following statements are true or false. 3

a. Statistical results are true only on an average
b. Statistics means quantitative data only
c. Statistics helps in formulation of economic policies

OR

11.B Can there be any advantage in classifying things? Explain with an example from your daily life.

12. 3



Identify the above two images as belonging to two important concepts of Economics on the basis of the statements mentioned in each image. Also differentiate between the two concepts with examples.

13. Differentiate between Census method and Sample method. 4

14. Draw a histogram from the following data relating to the monthly pocket allowance of the students of Class XI of a school: 4

Size	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40
Number of students	5	10	15	20	25	15	10	5

15.A How are the mean, median, and mode affected by the presence of outliers in a dataset, and which measure of central tendency is considered most robust to outliers? 4

OR

15.B State two merits and two demerits of arithmetic mean.

16.A A mathematical aptitude test of 50 students was recorded as follows: 6

Marks	50-60	60-70	70-80	80-90	90-100
No of Students	4	8	14	19	5

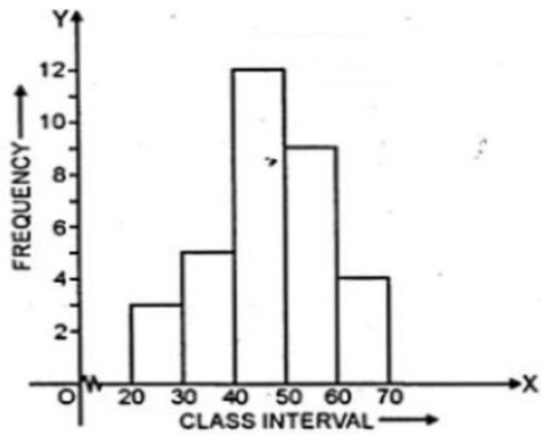
Estimate the mode by using formulae and also verify the value by using graph.

OR

16.B Determine the value of median from the following data with the help of 'More than' ogive. (Use graph paper) .Also verify the value by using formulae.

Marks	0-5	5-10	10-15	15-20	20-25
No of Students	6	8	10	6	4

17. Using the information given in the below diagram, calculate the mean by short-cut method correct to two decimal place. Also verify the value by using step deviation method. 6



PART-B
MICROECONOMICS

18. "The creator economy has blossomed into a $250-billion industry and it's still growing. Predictions show it could hit $480 billion by 2027." 1

The above prediction is related which branch of Economics?

A. Microeconomics

B. Macroeconomics

C. Statistics

D. Indian Economic development

19. Assume that a PPF for war goods and consumer goods in Russia at present is drawn so that it is a straight line. It means: 1

A. Less and less units of war goods are sacrificed to gain an additional unit of consumer goods.

B. More and more units of war goods are sacrificed to gain an additional unit of consumer goods.

C. Same unit of war goods are sacrificed to gain an additional unit of consumer goods.

D. Less and less units of consumer goods are sacrificed to gain an additional unit of war goods.

20. Read the following statement -Assertion (A) and Reason (R). Choose one of the correct alternatives given below: 1

Assertion (A): Two indifference curves cannot intersect each other as different IC represents different levels of satisfaction.

Reason (R): Indifference curve for substitute goods is downward sloping straight line.

A. Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion (A) .

B. Both Assertion (A) and Reason (R) are 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.

21. Formula for MRS_{XY} is ____________. 1

A. loss of good Y / gain of good X
B. loss of good X / gain of good Y
C. gain of good Y/ loss of good X
D. gain of good X / loss of good Y

22. Read the following statements carefully: 1

Statement I: Microeconomics is primarily concerned with the overall economy.

Statement II When economists study a market's price, their main goal is to figure out why the price is what it is and how it might change.

Choose the correct option from the options given below:

A. Statement I is true and II is false.
B. Statement II is true and I is false.
C. Both the statements are true.
D. Both the statements are false.

23. A household increase demand for a product from 40 to 50 units when it's price falls by 10 percent. What is the price elasticity of demand? 1

A. 0.4
B. 2
C. 2.5
D. 1.25

24. Read the following statement -Assertion (A) and Reason (R). Choose one of the correct alternatives given below: 1

Assertion (A): Addition to the total cost when one more unit of output is produced is termed as marginal cost.

Reason (R): MC is the change in Average cost when one more unit is produced.

Alternatives:

A. Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion (A).
B. Both Assertion (A) and Reason (R) are 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.

25. Which of the statements below is correct? 1

I. MRS is always diminishing because of law of diminishing marginal utility. Utility means want-satisfying power.
II. An indifference curve is always convex to the origin.
III. A consumer attains equilibrium at a point where the budget line is tangent to the indifference curve.
IV. At the point of tangency indifference curve is convex to the origin.

Options:

A. I only
B. I and II
C. I and III
D. I, II, III and IV

26. Cadbury Chocolate has many close Substitutes, how will this affect its demand 1

A. Demand will be Inelastic.
B. Demand will be Elastic.
C. Demand will be unbothered.
D. Demand will be perfectly elastic.

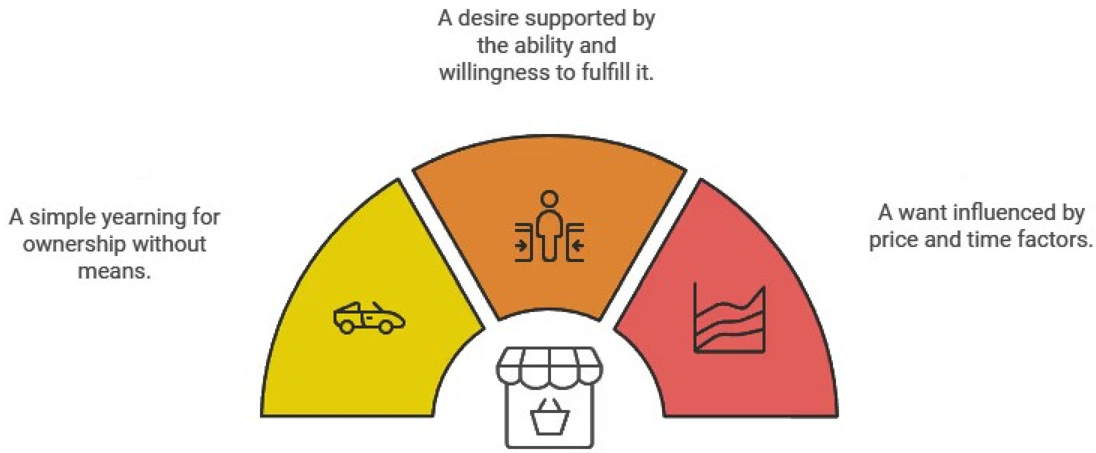
27. Statement I: Demand for laddu on Ganesh Chaturthi is relatively inelastic compared to other days. 1

Statement II: The degree of necessity of goods or services will affect the value price elasticity demand.

Choose the correct option from the options given below:

A. Statement I is true and II is false.
B. Statement II is true and I is false.
C. Both the statements are true.
D. Both the statements are false.

28. 3



Identify the economic concepts depicted in the above diagram and compare them by giving a suitable example.

29.A Given the fixed cost is Rs.12, calculate TVC, TC , ATC and AVC. 3

Output(units)	1	2	3	4	5	6
MC (Rs.)	9	7	2	4	8	12

OR

29.B Complete the following table:

Output (Units)	Marginal Cost (MC) (Rs.)	Average Variable Cost (AVC) (Rs.)	Average Fixed Cost (AFC) (Rs.)	Average Cost (AC) (Rs.)
1				140
2		45		
3	45		30	
4		48	22.5	
5		52	18	

30. Is the Law of Diminishing Marginal Utility applicable in the case of money? 4

31.A Read the following Case Study carefully and answer the questions on the basis of the same: 4

If our income rises, we generally tend to buy more of the goods. More income would mean more pens, more shirts, more shoes, more cars and so on. But there are exceptions. If initially, you are buying coarse grain, how would you take your increase in income now? Perhaps, as a first step, you would discard the consumption of inferiors. Surely, this happens in the deserts of Rajasthan where the rich minority eats wheat while the poor majority eats Bajra as their staple food.

a. “But there are exceptions. “ What exceptions were highlighted in the above case?

b. Illustrate any three such exceptions other than the above mentioned one.

OR

31.B State whether the following statements are true or false. Give reasons.

a. Law of demand states that price and demand are positively related to each other.
b. Law of demand happens due to application of law of diminishing marginal productivity.
c. Law of demand explains quantitative relationship between price and quantity demanded.
d. Change in quantity demanded means an increase and decrease in demand and Change in demand curve means expansion and contraction in demand.

32. DPS Howrah recently hosted Literary Fest 2025. DPS Howrah's Inter house event exemplified a cost-effective and innovative approach. The school minimized expenses by utilizing existing resources, transforming its own premises into a vibrant venue for the event. Students of all four houses participated in this event. Stationary items and refreshments, saplings and gifts for the judges along with their transportation fare were the only financial expenses required. What set this event apart was the active involvement of students; the in charges for each event and MCs were chosen from the school's own ranks, thus fostering leadership skills. DPS Howrah truly succeeded in hosting a successful Literary Fest - an inter house English language event that was thoroughly appreciated by the judges. 4

a. Identify the different costs incurred by the school to conduct the above event and mention its types
b. Differentiate between the types of cost by providing another suitable example.

33.A Comment on the shape of the MR curve in case the TR curve is a 6

a. Positively sloped straight line.
b. Horizontal straight line.

OR

33.B What are the different phases in the Law of Variable Proportions in terms of Total Product? Give reasons behind each phase. Use diagram.

34. Why is the consumer in equilibrium when he buys only that combination of the two goods that is shown at the point of tangency of the budget line with an indifference curve? 6