

Subject: Economics

Class: XI

Time: 3 Hours

Max Marks: 80

GENERAL INSTRUCTIONS:

This question paper contains four sections:

- i. Section –A contains 10 Very Very Short Answer Type Questions of 1 mark each. $1 \times 10 = 10$ marks
- ii. Section- B contains 10 Very Short Answer Type Questions of 2 marks each to be answered in 20 to 30 words. $2 \times 10 = 20$ marks
- iii. Section – C contains 8 Short Answer type questions of 4 marks each to be answered in 100 to 150 words. $4 \times 8 = 32$ marks
- iv. Section - D contains 3 Long Answer type questions of 6 marks each to be answered in 150 to 200 words. $6 \times 3 = 18$ marks

Section A

1. Which is not related to statistical enquiry or investigation?
 - a) Investigator
 - b) Enumerator
 - c) Respondent
 - d) Translator
2. Relation between Mean, Median and Mode is equal to
 - a) Median = 3 Mode – 2 Mean
 - b) Mode = 3 Median- 2 Mean
 - c) Mean = 3 Mode – 2 Median
 - d) Mode = 3Median – 2 Mean
3. In cost of living index, if 'W' is not given, what is it equal to
 - a) $P_1 \times q_1$
 - b) $P_1 \div P_0$
 - c) $P_0 \times q_0$
 - d) $q_0 \times p_1$
4. For satisfaction of Factor Reversal Test, what should be equal to $\sum p_1 q_1 / \sum p_0 q_0$?
 - a) $P_{01} \times Q_{01}$
 - b) $P_{01} \times Q_{10}$
 - c) $P_{01} \times P_{10}$
 - d) $P_{10} \times Q_{10}$
5. The algebraic sum of deviations of a set of n values from arithmetic mean is
 - a) n
 - b) 0
 - c) 1
 - d) Infinity

6. Which among the following is not a measure of taxation reforms?
- a) Reduction in taxes
b) Reforms in indirect taxes
c) Simplification of tax process
d) Devaluation of rupee
7. Choose the non-institutional source of rural finance
- a) Govt.
b) Commercial banks
c) Money lenders
d) Co-operative banks
8. The policy regarding purchase of agricultural produce is called
- a) Pricing policy
b) Procurement policy
c) Penetrating pricing policy
d) Buffer stock
9. Which country adopted economic reforms in 1978?
- a) India
b) Pakistan
c) India
d) China
10. Length of class interval in 10 – 19, 20 – 29, 30 – 39 is
- a) 9
b) 10
c) 9.5
d) 10.5

Section B

11. Do you agree that classified data is better than raw data? Why?
12. What is probability and non-probability sampling?
13. Distinguish between univariate and bivariate frequency distribution
14. What does a consumer price index for industrial workers measure?
15. What do you understand by devaluation of rupee?
16. Distinguish between 'Green Revolution' and 'Golden Revolution'
17. Mention the salient demographic indicators of China, Pakistan and India.
18. List the common goals of Five Year Plans of India.
19. Narrate Time reversal Test and Factor reversal Test formula of Fishers Index method.
20. Distinguish between physical and human capital



Section C

21. What is the important implication of the 'one child norm' in China?
22. Outline the steps involved in attaining sustainable development in India
23. Why is agricultural diversification essential for sustainable livelihoods?
24. The monthly per capita expenditure incurred by workers for an industrial centre during 1990 and 2010 on the following items are given below. The weights of these items are 75, 10, 5, 6 and 4 respectively. Prepare a weighted index number for cost of living for 2010 with 1990 as the base.

Items	Price in 1990	2010
Food	100	200
Clothing	20	25
Fuel and lighting	15	20
House rent	30	40
Misc	35	65

25. The following table gives the daily income of ten workers in a factory. Find the arithmetic mean by using short – cut method.

workers	A	B	B	D	E	F	G	H	I	J
Daily Income (in Rs)	120	150	180	200	250	300	220	350	370	260

26. The following table shows the estimated sectoral real growth rates (percentage change over the previous year) in GDP at factor cost.

Year	Agriculture and allied sectors	Industry	Services
1990-91	5.0	8.7	7.6
1991-92	-0.8	1.44	11.0
1992-93	8.6	6.3	8.5
1993-94	-1.7	5.8	9.5
1994-95	6.4	5.1	8.7
1995-96	0.9	6.1	8.5
1996-97	0.7	7.2	8.1

Represent the above data as multiple time series graphs.

27. Prepare a frequency distribution by inclusive method taking class interval of 7 from the following data.

28 17 15 22 29 21 23 27 18 12 7 2 9 4 1 8 3 10 5 20 16 12 8 4 33 27 21
15 3 36 27 18 9 2 4 6 32 31 29 18 14 13 15 11 9 7 1 5 37 32 28 26 24 20 19 25 19
20 6 9

28. Calculate the correlation coefficient between X and Y and comment on their relationship:

X	-3	-2	-1	1	2	3
Y	9	4	1	1	4	9

Section D

29. Critically evaluate the role of the rural banking system in the process of rural development in India.

OR

Calculate Arithmetic Mean, Median and Mode of the following data

Class interval	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90
Frequency	4	10	30	62	95	110	120	122

30. What do you mean by Liberalization, privatization and Globalization? Explain in brief the main features of privatization of Indian economy

OR

In a beauty contest, three judges accorded following marks to 10 participants.

Judge I	1	6	5	10	3	2	4	9	7	8
Judge II	3	5	8	4	7	10	2	1	6	9
Judge III	6	4	9	8	1	2	3	10	5	7

Find which pair of judges has a common taste in respect of beauty by using Spearmans Rank Difference Method

31. What is meant by economic planning? Do you think that economic planning has achieved the desired targets in India? Defend or refute with logical figures.

OR

Briefly analyse the major changes in composition and direction of India's exports and imports since independence.