SAMPLE PAPER-4 (unsolved)
ECONOMICS (Theory)
Class – XI

Time allowed: 3 hours   Maximum Marks: 90

General Instructions:

a) All questions in both the sections are compulsory.
b) Marks for questions are indicated against each.
c) Question No 1-3 and 13-14 are very short-answer questions carrying 1 mark each. They are required to be answered in one sentence each.
d) Question No 4-8 and 15-18 are short-answer questions carrying 3 marks each. Answer to them should not normally exceed 60 words each.
e) Questions No 9 and 19-20 are also short-answer questions carrying 4 marks each. Answer to them should not normally exceed 70 words each.
f) Questions No 10-12 and 21-23 are long-answer questions carrying 6 marks each. Answer to them should not normally exceed 100 words each.
g) Question No 24 is OTBA carrying 10 marks (5 marks each).
h) Answer should be brief and to the point and the above word limit be adhered to as far as possible.

Section A

STATISTICS FOR ECONOMICS

1: Which of the following is correct if $r_{xy} = 0$ the variable X and Y are?

    a) Independent   b) Linearly related c) Not linearly related d) None of these.

2: Which of the following is correct for a bar diagram?

    a) It is one dimensional diagram. b) It is two dimensional diagram. c) It is a diagram with no dimension. d) None of these.

3: The items having the highest weight in consumers price index for industrial workers is:

    a) Clothing. b)Food. c) Housing. d) None of these.

4: Problem of choice is unavoidable in the ordinary business of life. How?

5: The following are the sales figures of T.Vs of a firm 'A' during 2007-2011.

Year	2007	2008	2009	2010	2011	2012
Sales in 1000 units	2155	2201	2250	2190	2095	2170

Plot the above data on Time-series graph.

6: Find out mode of the following data:

Wages (In Rs)	200	300	400	500	600	700	800	900
No of workers	5	18	38	70	90	95	98	100

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

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

8: Age distribution of 100 life insurance policy holders is as follow:

Age as on nearest birthday	17-19	20-25	26-35	36-40	41-50	51-55	56-60	61-70
Number	9	16	12	26	14	12	6	5

Calculate mean deviation from the median age.

9: Draw a 'less than ogive' from the following data and hence find out the value of median:

Class	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60
Frequency	6	9	13	23	19	15	9	6

10: a) What are the merits and limitations of diagrammatic representation of statistical data?

b) Repair a blank table to show the distribution of population according to sex and core religions in three age groups in Delhi and Mumbai.

11: Calculate rank coefficient of correlations between years of service and efficiency rating:

Persons	A	B	C	D	E	F	G	H	I	J
Years of service	24	30	12	25	29	19	16	10	11	7
Efficiency rating	66	51	84	66	45	81	72	97	92	70

12: a) The consumer price index for June 2005 was 125. The food index was 120 and that of other items 135. What is the percentage of total weight given to food?

b) What are the importances of consumer price index?

SECTION B

INDIAN ECONOMIC DEVELOPMENT

13: What is disinvestment?

14: What do you mean by growth?

15: State three reasons for development of railways in India.

16: XYZ is a multinational company manufacturing toys in India .they have currently 2,000 labours working in the company. However they have planned to bring high speed machine which will eliminate 1,500 labours rendering them jobless. Which value is compromised in this case? Do they have any better alternative?

17: Briefly discuss the two kinds of measures, in which new economic policy can be classified.

18: What do you mean by infant mortality rate and maternal mortality rate? What were these rates in India, China and Pakistan in 2003?

19: Distinguish between tariff and non tariff barriers. Why should these be removed to promote globalisation?

20: Explain the motives behind systematic de-industrialization in India during the colonial period.

21: Write a brief history of five year plans in India.

22: "Features of Indian agriculture itself explain the story of its backwardness". Put out your views in reference to this statement.

23: a) Give an outline of the strategy of development adopted by India and Pakistan after independence.

   b) What are 'liberty indicators' of development?

24: OTBA Questions (10 Marks)