ECONOMICS

(Maximum Marks: 80)

(Time allowed: Three hours)

(*Candidates are allowed additional 15 minutes for **only** reading the paper.*

They must NOT start writing during this time.)

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*Answer **Question 1 (compulsory)** from **Part I** and **five** questions from **Part II**.*

The intended marks for questions or parts of questions are given in brackets [ ].

PART I (20 Marks)

*Answer **all** questions*

Question 1

Answer briefly *each* of the following questions **(i)** to **(x)**: [10×2]

  (i)   Define economics as given by P.A. Samuelson.

 (ii)   Differentiate between *absolute poverty* and *relative poverty*.

(iii)   Define *statistics*.

 (iv)   What is meant by *formal education*? How is it different from *informal education*?

  (v)   Differentiate between *primary data* and *secondary data*.

 (vi)   What is meant by *sustainable development*?

(vii)   Differentiate between *total utility* and *marginal utility*.

(viii)   Explain the meaning of *disinvestment*.

 (ix)   State *any two* purposes of constructing *index number*.

  (x)   Define *cost push* inflation.

PART II (60 Marks)

*Answer **any five** questions.*

Question 2

(a)   State *three* differences between *micro economics* and *macro economics*. **[3]**

(b)   Discuss the features of production possibility curve, with the help of a diagram. **[3]**

(c)   Explain how *price mechanism* can be used to solve the basic problems in an economy. **[6]**

1

Question 3

(a) Explain three *limitations* of Per Capita Income Index. **[3]**

(b) Discuss *any three* importances of human capital formation in economic development. **[3]**

(c) Discuss *any four* causes of unemployment in India. **[6]**

Question 4

(a) Discuss *any three* measures undertaken by the government to improve agricultural marketing. **[3]**

(b) State *one* reason for each of the following types of loans being taken by farmers: **[3]**

    (i) short-term loans

    (ii) medium-term loans

    (iii) long-term loans

(c) Explain *four* changes in the Indian economy after liberalization. **[6]**

Question 5

(a) Discuss *three* differences between growth and development. **[3]**

(b) Write short notes on the following Poverty Alleviation Programmes: **[3]**
(a) MGNREGA   (b) Skill India Programme

(c) Define *mixed economy*. Explain *four* features of mixed economy. **[6]**

Question 6

(a) Explain *three* benefits of organic farming. **[3]**

(b) Discuss *two* features of privatization. **[3]**

(c) Discuss the various institutional sources of *rural credit* in India. **[6]**

Question 7

(a) Explain *any two* effects of global warming. **[3]**

(b) Define *Human Development Index*. State its dimensions. **[3]**

(c) Explain *any four* effects of economic development on the environment. **[6]**

2

Question 8

(a)   Calculate Arithmetic mean from the data given below: **[3]**

Class Interval.	0 – 10	10 – 20	20 – 30	30 – 40	40 – 50	50 – 60	60 – 70	70 – 80
Frequency	2	7	10	15	20	16	6	4

(b)   Calculate median from the data given below: **[3]**

Class Interval.	0 – 10	10 – 20	20 – 30	30 – 40	40 – 50	50 – 60
Frequency	5	10	18	9	5	3

(c)   Using the data given below, calculate mode by grouping method: **[6]**

Marks	0 – 1	1 – 2	2 – 3	3 – 4	4 – 5	5 – 6	6 – 7	7 – 8
No. of students	4	10	25	15	23	22	12	3

Question 9

(a)   From the data given below, calculate quartile deviation: **[3]**

Marks	0 – 10	10 – 20	20 – 30	30 – 40	40 – 50
frequencies	10	15	20	10	5

(b)   Calculate Index Number by using Laspeyre's method: **[3]**

	BASE YEAR		CURRENT YEAR	
	Price	Quantity	Price	Quantity
A	2	40	3	20
B	1.5	30	2.5	40
C	1	50	1.5	30
D	2.5	20	2	80

(c)   With the data given below, calculate coefficient of correlation between the two   **[6]**
variables X and Y, by using Karl Pearson's method:

X	Y
10	7
12	9
11	12
13	9
12	13
14	8
9	10
12	12
14	7
13	13