Duration: 3 Hrs 15 mins   **Max. Marks**: 100

Instructions: Answering all the questions in Part A is Compulsory.

PART-A

I   **Choose the correct answer from the following:**   **1 x 5 = 5**

1. Alternate uses of resources give rise to the problem of:
    a) Rights
    b) Price
    c) Choice
    d) Chance
2. Index number is a:
    a) Measure of relative changes   b) A special type of an average
    c) A percentage relative   d) All the above
3. The act provides guaranteed wage employment to every poor household for minimum of 100 days in a year is called:
    a) PMRY   b) SJSRY   c) MGNREGA d) SGSY
4. Leather industry and tourism are:
    a) Non farm sector   b) Farm sector
    c) Other sectors   d) Productive activities
5. Workers who own and operate an enterprise to earn their livelihood is called:
    a) Minister   b) Public servant   c) self employees   d) Government doctor.

II   **Fill in the blanks of the following:**   **1 x 5 = 5**

6   _____is the frequency distribution of single variable.
7. Inflation affects the_____of common people.
8. RBI regulates _____ sector.
9. Investment on Education is considered as one of the main sources of_____
10. Infrastructure facilities can be classified into _____types.

III.   **Match the following:**   **1 x 5 = 5**

11.

A	B
a) Telephone interview	1 Divisional values
b) Q_1, Q_2, P_{25}, P_{50}	2. The monetary assistance given by government for production activities
c) Subsidy	3. A positive development
d) Better gender equity	4. Water resource
e) Renewable resource	5. Cheaper or relatively low cost.

IV.   **Answer the following questions in a sentence each.**   **1 x 5 = 5**

12. What is economics according to Alfred Marshal?
13. Give the meaning of standard deviation.
14. Name the important 'Revenue settlement system' during British rule.
15. What is Marketed surplus?
16. Give the meaning of open Unemployment.

PART-B

V   **Answer any four of the following questions in about four sentences each.**   **2 x 4 = 8**

17. Mention the types of variable.

18. Write the merits of Arithmetic Mean.
19. How do you classify modal series?
20. What is mean deviation? Which average is used to find it?
21. Mention different techniques for measuring correlation.
22. What is price index number? Mention its types.

VI   Answer any five of the following questions in about four sentences each.   2 x 5 = 10
23. What are the infrastructure facilities developed during colonial rule?
24. What are the goals of five year plans?
25. Poverty has many dimensions. How it has to be looked at?
26. Give the meaning of rural development.
27. What is the difference between labour force and worker force?
28. Which are the health indicators?
29. Mention any four strategies to achieve sustainable development.

PART-C
VI   Answer any three of the following questions in about 8-10 sentences each.   3 x 4 = 12
30. Differentiate between continuous and discrete variables.
31. The monthly income of 7 families in a certain locality are given below.

Family	A	B	C	D	E	F	G
Income in ('000)	30	70	60	100	200	150	300

Calculate the arithmetic mean by: a) Direct method and b) Assumed mean method.

32. Find the standard deviation of the following data by deviation method.
     25, 50, 45, 30, 70, 42, 36, 48, 34, 60

33. Mention the properties of correlation coefficient.
34. Calculate weighted average of price relative index from the following data.

Items	Weight in %	Base year price (P_0)	Current year price (P_1)
A	40	2	4
B	30	5	6
C	20	4	5
D	10	2	3

VIII   Answer any four of the following questions in about 8-10 sentences each.   4 x 4 = 16
35. What do you understand by the drain of Indian wealth during colonial period?
36. Write a note on WTO.
37. Explain the employment generation programmes of poverty alleviation in India.
38. How does investment in human capital contributes to growth.
39. Explain the drawbacks of agriculture market.
40. Explain the role of infrastructure in development of a modern economy.

PART-D
IX   Answer any two of the following questions in about 20 sentences each.   2 x 6 = 12
41. Draw an Arithmetic line graph using following data value of import and export of Indian
     (in 100 crores)

Year	Exports	Imports
1980-81	67	125
1984-85	117	171

1990-91	326	432
1994-95	827	900

42. Calculate Karl Pearson's coefficient of correlation from the following data using step deviation method and comment on the result.

X	12	14	16	18	20	22	24	28	30
Y	36	33	30	27	24	21	18	15	12

43. Calculate price index number by a) Laspeyer's method   b) Paasche's method

Commodity	1990		1995	
	Price	Quantity	Price	Quantity
A	20	15	30	20
B	15	10	20	15
C	30	20	25	10
D	10	5	12	10

X.   Answer any two of the following questions in about 20 sentences each: 2 x 6 = 12

44. Write the short note on green revolution.
45. Discuss the following as a source of Human capital formation:
    a) Health Infrastructure   b) Expenditure on migration.
46. Write a short note on the following:
    a) Horticulture   b) Fisheries.

PART-E
(Practical Oriented Questions)

XI.   Answer any two of the following questions: 2 x 5 = 10

47. Explain the difficulties in construction of consumer price index number.
48. Identify the formal and informal workers in the following list.
    1. A petty shop owner
    2. Handloom weaver
    3. SBI Cashier
    4. A street vendor
    5. Government Hospital nurse
    6. Government primary school teacher
    7. Tailor
    8. Revenue Inspector
    9. Police
    10. Agricultural Laborers
49. Name any ten power generating stations in Karnataka.

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