



JAIN COLLEGE V V Puram

1st PUC MOCK Paper – Jan. 2024

Course: 1st year PUC

Subject: Economics

Max. Marks: 80

Duration: 3:15 hour

PART - A

I. Choose the correct answer for the following questions:

(1 x 5 = 5)

1. Alternative uses of resources give rise to the problem of
a) Plenty b) Choice c) Chance d) Scarcity
2. The value that is affected by extreme value is
a) Range b) Median c) Mean d) Correlation
3. A histogram is a:
a) One-Dimensional diagram b) Two-Dimensional diagram
b) Three-Dimensional diagram d) Four-Dimensional diagram
4. Which is not a goal of the five-year plans.
a) Self-efficiency. b) Development c) Self-reliance. d) Economic Growth.
5. Formal sector employees enjoy:
a) Vacations. b) Cultural benefits. c) Economic benefits. d) Social Security benefits.

II. Fill in the blanks using the appropriate options given:

(1 x 5 = 5)

(base year, Prime Minister, upper class and lower-class limit, grouped data, 1995)

6. Midpoint is the average of _____ .
7. Frequency polygon is used in the representation of _____ .
8. P_0 and P_1 in index number refers to the price of the commodity in the _____ and the _____ respectively.
9. The Chairperson of the Planning Commission is the _____ .
10. WTO was founded in _____ .

III. Match the following.

(1 x 5 = 5)

- | | |
|-----------------------|--|
| 11. Mode | (a) Fruit production |
| 12. $3(N + 1) / 4$ | (b) educational achievements |
| 13. Subsidy | (c) Third Quartile |
| 14. Literacy rate | (d) Frequently observed value |
| 15. Golden Revolution | (e) Monetary assistance by the government. |

IV. Answer the following in a word or a sentence.

(1 x 5 = 5)

16. Define range.
17. What is negative correlation give the example.
18. Define tariff.
19. Define jobless growth.
20. What is life expectancy at birth.

PART – B**V. Answer any THREE of the following questions in 4 sentences each.****(3 x 2 = 6)**

21. Explain pilot-survey.
22. Calculate the mean of the following:
30, 62, 47, 25, 22, 55, 66, 12, 34, 83.
23. Explain CPI and how to calculate.
24. Differentiate between *employer* and *employee*.
25. Name any four parts of tabulation.
26. What is mode? Give the formula to find out mode in continuous series.

VI. Answer any FOUR of the following questions in 4 sentences each:**(4 x 2 = 8)**

27. Explain tariffs and quotas.
28. What factors contribute to human capital formations?
29. Differentiate between formal and informal sectors.
30. What do you mean by disinvestment?
31. Define unemployment as given by NSSO.
32. What is carrying capacity of environment?

PART – C**VII. Answer any TWO of the following question in 12 sentences each****(2 x 4 = 8)**

33. Calculate the mean deviation from mean of the following:

District	A	B	C	D	E	F	G	H	I	J
Jowar	22	29	12	23	18	15	12	34	18	12

34. Mention any 4 properties of Correlation coefficient.
35. Draw the scatter diagram for the following data and conclude about the results:

X	10	20	30	40	50	60	70	80
Y	25	20	25	35	40	35	50	45

36. Compute index numbers using Paasche's method:

Commodity	P ₀	Q ₀	P ₁	Q ₁
A	8.0	5	10	11
B	8.5	6	9	9
C	9.0	4	12	6

VIII. Answer any FOUR of the following in 12 sentences each:**(4 x 4 = 16)**

37. The traditional handicraft industries were ruined under British rule. Justify.
38. Write a short note on green revolution.
39. Discuss the need for promoting women's education in India.
40. Write a short note on alternative markets.
41. What are the various indicators of human development.
42. Explain the suggestion of Herman Daly to achieve sustainable development.

PART – D**IX. Answer any ONE of the following questions in 20 sentences each.****(1 x 6 = 6)**

43. Draw an arithmetic line graph using the following data. Value of Imports and Exports of India (in 100 crores)

YEAR	2009-10	2010-11	2011-12	2012-13	2013-14
EXPORTS	8455	11370	14660	16343	19050
IMPORTS	13637	16385	23455	26692	27154

44. Calculate the Karl Pearson correlation coefficient for the following table using the step deviation method:

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

X. Answer any ONE of the following questions in 20 sentences each.**(1 x 6 = 6)**

45. Explain the measures taken by the government to improve agricultural marketing system.
46. How does the following factors contribute to the environmental crisis in India? What problem do they pose for the government?
- Rising population
 - Air pollution
 - Water contamination
 - Urbanisation
 - Deforestation.

PART - E**XI. Answer any TWO of the following projects and assignment-oriented questions.****(2 x 5 = 10)**

47. As per the recorded temperature per two hours in a day from 6 am to 6 pm, calculate the range and mean temperature of the day.

Hour	Temperature
6-8	18
8-10	24
10-12	26
12-14	29
14-16	30
16-18	25

48. Write a note on SENSEX.
49. Prepare a list of causes of land degradation in India.