

# First PUC Annual Examination - February - 2020

Time:- 3-15 Hrs

Subject - Economics (22)

Max Marks:- 100

Instruction :

1. Write the Question numbers legibly in the margin.
2. Answer for a question should be continuous.

## PART-A

### I Choose the correct answers

1x5 = 5

1. Alternative uses of resources give rise in the problem of -----  
a) Rights                      b) Price                      c) Choice                      d) Chance
2. What is the graphical measure available to measure dispersion  
a) Lorenz curve              b) Marshal curve              c) Production curve              d) Non of the above
3. In India census is carried out once in  
a) 5 Years                      b) 10 Years                      c) 1 Year                      d) 2 Years
4. It is an agricultural allied activity  
a) Poultry                      b) Cottage industry              c) Small industry              d) Tourism
5. Urban people are mainly engaged in the  
a) Primary Sector              b) Service Sector              c) Mining                      d) Agriculture

### II Fill in the blanks

1x5 = 5

6. Frequency distribution of discrete frequency is called -----
7. Arithmetic line graph is also called -----
8. There are ----- Quartiles in a series.
9. Infrastructure facilities can be classified into ----- types
10. The great leap forward campaign was initiated in the year -----

### III Match the following

1x5 = 5

A

B

- |                            |                                                                          |
|----------------------------|--------------------------------------------------------------------------|
| 1. Personal Interview      | 1. The monetary assistance given by government for production activities |
| 2. W. P. I                 | 2. Sustainable development                                               |
| 3. Subsidies               | 3. More expensive                                                        |
| 4. Educational achievement | 4. Whole sale price index                                                |
| 5. Bio pest control        | 5. Literacy rate                                                         |

### IV Answer the following Question in a word or Sentence each

1x5 = 5

12. Mention the last step in developing project
13. I LO - Expand
14. What is the liberalization?
15. Give the meaning of poverty.
16. Give the meaning of infant mortality rate?

## Part - B

### V Answer the following FOUR questions in four sentence each

2x4 = 8

17. Mention any two modes of collecting data.
18. How can you obtain a frequency curve?
19. Calculate arithmetic mean from the following data.

Marks obtained by 10 students

|    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|
| 30 | 62 | 47 | 25 | 52 | 39 | 56 | 66 | 12 | 24 |
|----|----|----|----|----|----|----|----|----|----|

20. Mention the types of Correlation.
21. Mention the types of variable.
22. Mention the name of any four statistical tools.

### VI. Answer the following FIVE question in four sentences each

2x5 = 10

23. What were the infrastructure facilities developed during colonial rule?
24. What do you mean by carrying capacity of environment?
25. Who are the Urban poor? Give example.

26. What are the various forms of health expenditure?
27. Mention the two benefits of organic farming.
28. Name the three sectors of the economy.
29. Which are the economic infrastructures?

**Part - C**

**4x3 = 12**

**VII Answer the following any THREE question twelve sentences?**

30. Briefly explain how statistics helps to study economics
31. Briefly explain sampling errors.
32. Find the standard deviation for the following data

|   |   |    |    |   |    |    |   |    |    |
|---|---|----|----|---|----|----|---|----|----|
| 8 | 9 | 15 | 23 | 5 | 11 | 19 | 8 | 10 | 12 |
|---|---|----|----|---|----|----|---|----|----|

33. Draw scatter diagram

|   |   |   |   |   |    |    |
|---|---|---|---|---|----|----|
| x | 1 | 2 | 3 | 4 | 5  | 6  |
| y | 2 | 4 | 6 | 8 | 10 | 12 |

\* (For Blind Students) Mention the properties of correlation.

34. Differentiate between Continuous and discrete variables.

**VIII Answer any FOUR of the following question in about twelve sentences each.**

**4X4 = 16**

35. The Traditional Handicraft industries were ruined under British Rule". Justify this statement
36. Explain any two of the objectives of five year planning.
37. Briefly explain the financial sector reforms.
38. Explain the employment generator programming of poverty alleviation in India.
39. Explain the defects of agricultural market.
40. What are the various indicators of human development index?

**Part - D**

**IX Answer any two of the following questions in about twenty sentences each**

**6x2 = 12**

41. What are the parts of a Table? Explain.
42. Calculate co-efficient of Quartile deviation for the following distribution

| Wages (Rs.)    | 60-64 | 64-68 | 68-72 | 72-76 | 76-80 | 80-84 | 84-88 |
|----------------|-------|-------|-------|-------|-------|-------|-------|
| No. of Workers | 12    | 18    | 16    | 14    | 12    | 8     | 8     |

43. Calculate  $Q_1$ ,  $Q_2$ , and  $Q_3$  from the following data

22, 26, 14, 30, 18, 11, 35, 41, 12, 32

**X Answer the any TWO of the following questions in about twenty sentences each**

**6x2 = 12**

44. Explain the effects of Reforms in Agriculture.
45. Examine the role of education in the Economic Development of a nation.
46. What role does the government play in generating employment opportunities in India?

**Part - E**

**XI Answer any TWO of the following Project oriented questions.**

**5X2=10**

47. Prepare a list of causes of land Degradation in India.
48. On the basis of data you have collected regarding participation of women in your locality in the below mentioned categories construct a Pie Chart.

| Status             | Population |
|--------------------|------------|
| a) Marginal Worker | 12         |
| b) Main Worker     | 36         |
| c) Non Worker      | 73         |

49. Write a note on SENSEX.

