



# DELHI PUBLIC SCHOOL

SAIL TOWNSHIP, RANCHI

ANNUAL EXAMINATION (2016-17)

Class:-XI

Time- 3 hrs.

Subject:- Economics

M.M-80

General Instructions:

1. Answer all the questions:
2. Mark of each question is indicated against it.
3. 1 Mark questions are of multiple choice or should be answered in 1 sentence each.
4. 3 Marks questions should be answered within 60 words each.
5. 4 marks questions should be normally answered in 70 words each.
6. 6 marks questions answer should not exceed 100 words each.
7. Answers should be brief and to the point.
8. Word-limit is not applicable for the numerical questions.

Section-A

1. The value of which average can be calculate from histogram? [1]  
(a) Arithmetic mean; (b) median; (c) Mode; (d) weighted mean
2. Select the correct alternative. [1]  
(a)  $\sum (X - \bar{X}) = 0$ ; (b)  $\sum (X - \bar{X}) > 0$ ; (c)  $\sum (X - \bar{X}) < 0$ ; (d)  $\sum (X - \bar{X})$  is the least.
3. \_\_\_\_\_ is a graphic method of studying dispersion in a distribution. [1]  
(a) Ogive (b) Pie diagram (c) Lorenz Curve (d) histogram
4. Define Correlation. [1]
5. The base year is [1]  
(a) Reference year; (b) Current year (c) Any Year (d) Preceding the current year
6. Calculate median from the following table- [3]

Class interval	50-60	40-50	30-40	20-30	10-20	0-10
Frequency	5	17	30	25	18	5
7. The mode and median of moderately asymmetrical series are 35 and 30 respectively. Calculate the value of mean. [3]

OR

The mean marks of the students of combined sections A and B is 38. There are 60 and 40 students in sections A and B respectively. If mean marks of students in section A is 40, find the mean marks of students in section B.

8. Mention any three important uses of consumer price index. [3]

9. Calculate the absolute and relative measures of quartile deviation for the following data.

Marks	0-10	10-20	20-30	30-40	40-50
No. of students	5	10	20	5	10

[4]

10. Explain the different types of correlation, with suitable examples. [4]

11. Calculate the co-efficient of correlation for the following data by Karl Pearson's method.

X	12	15	18	21	24	27	30
Y	6	8	10	12	14	16	18

OR

[6]

Calculate coefficient of rank correlation of the following data.

X	75	72	73	63	72	62	55	50
Y	10	13	11	13	13	20	16	28

12. Explain any four mathematical properties of standard deviation. [6]

13. For the data given in the following table, compute index number by:

(i) Laspeyre's method (ii) Paasche's method.

[6]

Commodity	Base Year		Current Year	
	Price (Rs.) $p_0$	Quantity $q_0$	Price (Rs.) $p_1$	Quantity $q_1$
A	10	30	12	50
B	8	15	10	25
C	6	20	6	30
D	4	10	6	20

**Section - B**

14. Who introduces the concept of "Jail cost of living"? [1]  
 (a) Mahatma Gandhi; (b) Dadabhai Naroji (c) Jawaharlal Nehru (d) None of these
15. NABARD was set up in [1]  
 (a) 1892 (b) 1982 (c) 1966 (d) 1995
16. Disguised unemployment refers to [1]  
 (a) Person with no job.  
 (b) unemployment among women  
 (c) More persons employed for a job which less can accomplish.  
 (d) People who are not willing to work.

17. \_\_\_\_\_ five year plan recognized the importance of human capital. [1]  
(a) seventh | (b) third | (c) eighth | (d) sixth
18. What is marketable surplus? [1]
19. Explain how did green revolution benefit the formers. [3]
20. How were the industries categorised under IPR 1956? [3]
21. How is human development a broader term as compared to human capital? [3]

**OR**

Bring out the need for on-the job training for a person as one of the sources of human capital formation.

22. Define a formal sector. Is it necessary to generate employment in the formal sector rather than in the informal sector? Why? [1+3=4]
23. Critically examine the role of rural banking system in the process of rural development in India. [4]
24. Briefly explain India's future prospect in educational sector. [6]
25. Write a note on 3 dimensional attack on poverty. [6]
26. Briefly discuss the various measures adopted by the government of India to improve the system of agriculture marketing. [6]

**OR**

Briefly explain the benefits of organic farming.