******Bhartiyam International School**

**Per Mid Term Assessment (2022-23)  
Subject: Economics (Set-B)**

**Class: XI**

**Date: 04/08/2022 M.M: 40**

**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Roll No: \_\_\_\_\_\_ Duration: 90 mins**

GENERAL INSTRUCTIONS:

* Question number 1 to 10 carry 1 mark each.
* Question number 11 & 12 carry 3 marks each.
* Question number 13 to 15 carry 4 marks each.
* Question number 16 & 17 carry 6 marks each.
* All questions are compulsory to attempt.

1. Simple average is sometimes called: 1

a. Unweighted average b. Weighted average

c. Relative average d. None of these

2. For open–end classification, which of the following is the best measure of central tendency: 1

a. Arithmetic Mean b. Geometric Mean

c. Median d. Mode

3. Median of 2, 5, 8, 4, 9, 6, 7 is: 1

a. 9 b. 8

c. 8 d. 6

4. Quartiles divide a series into \_\_\_\_\_\_\_\_\_\_\_\_ parts: 1

a. 2 b. 3

c. 4 d. 5

5. The mean of 12 numbers is 24. If 5 is added in every number, the new mean is: 1

a. 25 b. 84

c. 29 d. None of these

6. Values of MRT are\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 1

a. Increasing b. Diminishing

c. Constant d. Initially increasing, then decreasing

7. PPC is downward sloping curve because\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 1

a. State of technology is constant b. Economy produces two goods X and Y

c. Number of resources are constant d. Resources are fully employed

8. \_\_\_\_\_\_\_\_\_\_ deals with what kind of goods are to be produced in the economy. 1

a. What to produce? b. How to produce?

c. For whom to produce? d. How much to produce?

9. PPC would be\_\_\_\_\_\_\_\_\_. 1

a. Downwards sloping b. Concave to the origin

c. Convex to origin d. Both a & b

10. A teacher teaching her own son is called as\_\_\_\_\_\_\_\_\_. 1

a. Economic Activities b. Human Activities

c. Non-Economic Activities d. Both a and b

11. Distinguish between Micro Economics and Macro Economics with suitable example. 3

12. Calculate the missing value if mean of the given series is 44.8. 3

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| X | 20 | 30 | 40 | 50 | 60 | 70 |
| F | 5 | ? | 15 | 10 | 8 | 5 |

13. Calculate median from the following data: 4

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Class interval | 0-10 | 10-30 | 30-60 | 60-80 | 80-90 |
| Frequency | 5 | 15 | 30 | 8 | 2 |

14. What happens to PPC when the following situation take place? Give reason. 4

a. Discovery of oil reserves

b. Migration of people to other country

c. Improvement in infrastructure

d. Destruction of resources due to earthquake

15. With the help of following details, calculate lower quartile and upper quartile. 4

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| C.I | 0-10 | 10-20 | 20-30 | 30-40 | 40-50 | 50-60 |
| f | 16 | 14 | 23 | 17 | 7 | 3 |

OR

Explain any four demerits of Arithmetic mean.

16. Explain the concept of Opportunity Cost and Marginal Rate of Transformation using a production possibility schedule based on the assumption that no resource is equally efficient in the production of all goods. 6

17. Calculate Arithmetic mean by using step-deviation method. 6

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Marks | Less than 10 | Less than20 | Less than 30 | Less than 40 | Less than 50 |
| No. of students | 9 | 16 | 24 | 28 | 35 |

OR

Explain three merits and three demerits of median.