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# INDIAN SCHOOL MUSCAT

## FIRST PERIODIC TEST

### ECONOMICS

CLASS: XI

Sub.Code: 030

TimeAllotted:50mts.

02.12.2018

Max.Marks: 20

### GENERAL INSTRUCTIONS:

- All questions of both the sections are compulsory.
- Marks for questions are indicated against each.
- Questions 1-3 and 6-8 are very short answer questions carrying 1 mark each. These are to be answered in one sentence each.
- Questions 4 and 9 are short answer questions carrying 3 marks each. Answers to them should not normally exceed 60 words each.
- Questions 5 and 10 carry 4 marks each. Answers to them should not normally exceed 70 words each.
- Answers should be brief and to the point and the above word limits to be adhered to as far as possible.

### SECTION A

- When Marginal Product curve coincides with X axis, Total Product: 1
  - Increases at a constant rate
  - Increases at a diminishing rate
  - Reaches maximum and constant
  - Reaches minimum and constant
- A firm increases its output from **85** units to **90** units. As a result Total Variable Cost increases from **Rs.180** to **Rs. 200**.What could be the Marginal Cost of Production of **90<sup>th</sup>** unit. 1
- Total Cost Curve and Total Variable Curve are parallel to each other. This is due to the fact that: 1
  - Total Cost remains constant as output increases.
  - Total Variable Cost remains constant as output increases
  - Average Cost remains constant as output increases
  - Total Fixed Cost remains constant as output increases
- Consider the following schedule and assume the Average Fixed Cost of producing **3** units of output is **Rs.5**. Calculate Marginal Cost and Average Cost. 3

Output	1	2	3	4
Average Variable Cost (Rs.)	10	9	10	10

5. A firm is increasing the employment of a variable input keeping the employment of all other inputs constant. Explain the three stages of production that a firm has to undergo with suitable diagram. 4

### SECTION B

6. Among Mean and Median which value is the most representative value of all observations? 1
7. Which one of the following represents spatial classification?
- A. Distribution of population among various states of India.
  - B. 'Census of India' report on population between 1951 to 2011
  - C. Distribution of population into Male and Female
  - D. Distribution of population into various age group
8. How is a frequency curve different from frequency polygon? 1
9. Construct a pie diagram from the following information regarding the cost of construction of a house in Mumbai. 3

Sl. No.	Items of expenditure	Expenditure (Rs.)
1	Labour	100000
2	Bricks	60000
3	Cement	80000
4	Steel	60000
5	Timber	40000
6	Supervision	60000

10. Locate Median on a graph, estimate and verify the result using formula. 4

Classes	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20
Frequency	4	7	10	16	22	16	12	7	4	2

**End of the Question Paper**