



St. Lawrence High School

A Jesuit Christian Minority Institution



Worksheet 16

Sub: Economics

Class: XII

Chapter 04: Theory of production

F.M.: 15

Topic: Law of variable Proportion

Date: 09/06/2020

Multiple choice questions

1x15 = 15

1. The law relating to the effects of varying the inputs used by the firm is known as _____.
 - a. Law of constant return,
 - b. Law of variable proportion,
 - c. Law of diminishing marginal utility,
 - d. Law of diminishing marginal rate of substitution.
2. In production process, the concept of law of variable proportion is related with _____.
 - a. Short run,
 - b. Long run,
 - c. Very short run,
 - d. Very long run.
3. In law of variable proportion, the state of technology is _____.
 - a. Variable,
 - b. Advanced,
 - c. Given,
 - d. Primitive.
4. At first total product increases at an _____ rate.
 - a. Increasing,
 - b. Decreasing,
 - c. Constant,
 - d. All of above.
5. The law of variable proportion will be applicable only when _____ input is changed.
 - a. All,
 - b. One,
 - c. Two,
 - d. No.
6. For the first unit of labour employment, total product, average product and marginal product are _____.

- a. Zero,
 - b. Same,
 - c. One,
 - d. Increasing.
7. The law of variable proportion will not be applicable when two inputs are always used in a _____proportion.
- a. Fixed,
 - b. Variable,
 - c. Same,
 - d. None of the above.
8. In production the law related with short run is known as _____.
- a. Law of returns to scale,
 - b. Law of diminishing return,
 - c. Law of fixed proportion,
 - d. Law of variable proportion.
9. When average product increases, marginal product is _____ than average product.
- a. Less,
 - b. Greater,
 - c. Smaller,
 - d. None of these.
10. The law of variable proportion is derived from _____.
- a. Theoretical concept,
 - b. Assumptions,
 - c. Exceptions,
 - d. Practical experiences.
11. The law of variable proportion refers to _____ AP and MP.
- a. Increasing,
 - b. Diminishing,
 - c. Constant,
 - d. All of above.
12. The ratio of total product to the total input employed is known as_____.
- a. Average product,
 - b. Total product,
 - c. Marginal product,
 - d. Production function.
13. Change in total product due to change in one extra unit of labour employment is known as _____.
- a. Change in production,
 - b. Change in labour,

- c. Marginal product,
 - d. Average product.
14. By employing all inputs in production process we get _____.
- a. Total product.
 - b. Total output,
 - c. Both of a) and b)
 - d. Average product.
15. The law of variable proportion is based on the possibility of varying the _____ between two inputs.
- a. Ratio,
 - b. Percentage,
 - c. Number,
 - d. Product.

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