

ASSERTION AND REASONING QUESTIONS

1. Assertion (A): In the Law of Variable Proportions, the Marginal Product initially increases.

Reason (R): This happens because of the increasing efficiency and better utilization of fixed resources.

- a) Both A and R are true, and R is the correct explanation of A.
- b) Both A and R are true, but R is not the correct explanation of A.
- c) A is true, but R is false.
- d) A is false, but R is true.

2. Assertion (A): In the Law of Variable Proportions, the Marginal Product eventually begins to decline.

Reason (R): This decline is due to the Law of Diminishing Returns setting in.

- a) Both A and R are true, and R is the correct explanation of A.
- b) Both A and R are true, but R is not the correct explanation of A.
- c) A is true, but R is false.
- d) A is false, but R is true.

3. Assertion (A): The Law of Variable Proportions applies in the long run.

Reason (R): All factors of production are variable in the long run.

- a) Both A and R are true, and R is the correct explanation of A.
- b) Both A and R are true, but R is not the correct explanation of A.
- c) A is true, but R is false.
- d) A is false, but R is true.

4. Assertion (A): The Total Product curve initially rises at an increasing rate under the Law of Variable Proportions.

Reason (R): This is due to the increasing returns to the variable factor in the initial stage.

- a) Both A and R are true, and R is the correct explanation of A.
- b) Both A and R are true, but R is not the correct explanation of A.
- c) A is true, but R is false.
- d) A is false, but R is true.

5. Assertion (A): The Law of Variable Proportions is also known as the Law of Diminishing Marginal Returns.

Reason (R): The law highlights the diminishing returns to a factor as more of it is combined with a fixed factor.

- a) Both A and R are true, and R is the correct explanation of A.
- b) Both A and R are true, but R is not the correct explanation of A.
- c) A is true, but R is false.
- d) A is false, but R is true.