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B.A - I Paper - I

Topic - Assumptions and Properties of Iso-quart curve.

Assumptions of Isoquart curve :-

The main assumptions of iso-quart curve are as follows.

- (1) Two Factors of Production
- (2) Divisibility Factors i.e factors of production can be divided.
- (3) Techniques of Production is constant or the information about it is known before.
- (4) The substitution between the two factors is technically possible.
- (5) Factors of Production should be used to maximum efficiency.



Properties of Isoquant curve →

### 1<sup>st</sup> Property

An isoquant curve slopes downward or is negatively sloped.

This property falls in line with the principle of the Marginal Rate of Technical Substitution (MRTS).

### 2<sup>nd</sup> Property

An isoquant curve is convex to origin

### 3<sup>rd</sup> Property

Isoquant curves cannot be tangent or intersect one another.

### 4<sup>th</sup> Property

Isoquant curve do not have to be parallel to one another.