

## SECTION - 1

### I:- Model of measuring service capacity:-

- Design capacity:-

It is the theoretical maximum output of a system in a given period under ideal conditions.

- EFFECTIVE CAPACITY:-

It is the Maximum amount of work that an organization is capable of ~~work~~ completing in a given period due to constraints such as quality problems, delays, material handling etc.

- Actual Capacity:- It is also known as normal capacity it is the amount of production volume that can be reasonably expected over the long term.

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- Scope of production management-
- Location of Facilities:- large investment is made in building, land & plant layout & Material handling of machinery.
- Product design:- it deals with the conversion of ideas.
- Process design:- design on overall process route.
- P.P.e (Production planning & Controlling)
- Quality Control:- System that is used to maintain a designer level of quality.
- Maintenance of machinery in management.
- Expanding the business towards large scale
- Material Handling.