

## Exam-6.

### Section-1.

Ques) Explain the concept of PERT and CPM? Operation research is an very powerful tool. Discuss.

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PERT-

Pert is a project mgt. techniques, used to manage uncertain activities of a project. A technique of planning and control of time. It involves an research & development project. Pert is a management of unpredictable activities. It is suited for research and development project. PERT is appropriate for high school precision time estimate.

CPM-

CPM is a statistical technique of project management that managers as well defined

activities of a project. It is a method of control cost and time. It evolved as construction project. CPM generally focuses on time cost and trade-off. It is appropriate for time estimate. It is suitable for non-research projects like civil construction, ship building etc.

Operation Research, which is a very powerful tool for decision making. Operations research techniques fill this void with methods that quantify issues and give ops managers a better basis for making decisions.