

Management of Nursing Services
and Education

UNIT-2

PERT

Programme Evaluation Review Technique
for research Project

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PERT

- A PERT chart is a graph that represents all of the tasks necessary to a project's completion, and the order in which they must be completed along with the corresponding time requirements.

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- Certain tasks are dependent on serial tasks, which must be completed in a certain sequence
- Tasks that are not dependent on the completion of other tasks are called parallel or concurrent tasks and can generally be worked on simultaneously.
- it is commonly used in conjunction with the critical path method (**CPM**).

- PERT, or Program Evaluation Review Technique, was developed by the United States Navy for the Polaris submarine missile program in the 1950s.
- PERT charts allow the tasks in a particular project to be analyzed, with particular attention to the time required to complete each task, and the minimum time required to finish the entire project.

Difference B/W CPM & PERT

- The Program Evaluation and Review Technique (PERT) is a project management technique or tool which is suitable for projects that have unpredictable activities while the Critical Path Method (CPM) is a project management tool which is suitable for projects that have predictable activities.

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Difference B/W CPM & PERT

- CPM uses a single estimate for the time that a project can be completed while PERT uses three estimates for the time that it can be completed.

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Difference B/W CPM & PERT

- CPM is a deterministic project management tool while PERT is a probabilistic project management tool.

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Difference B/W CPM & PERT

- CPM allows project management planners to determine which aspect of the project to sacrifice when a trade-off is needed in order to complete the project while PERT does not.

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- PERT is measured in days whereas CPM uses weeks or months.
- PERT addresses only time whereas CPM also includes cost and resource availability.
- PERT requires three time estimates whereas CPM requires one time estimate.

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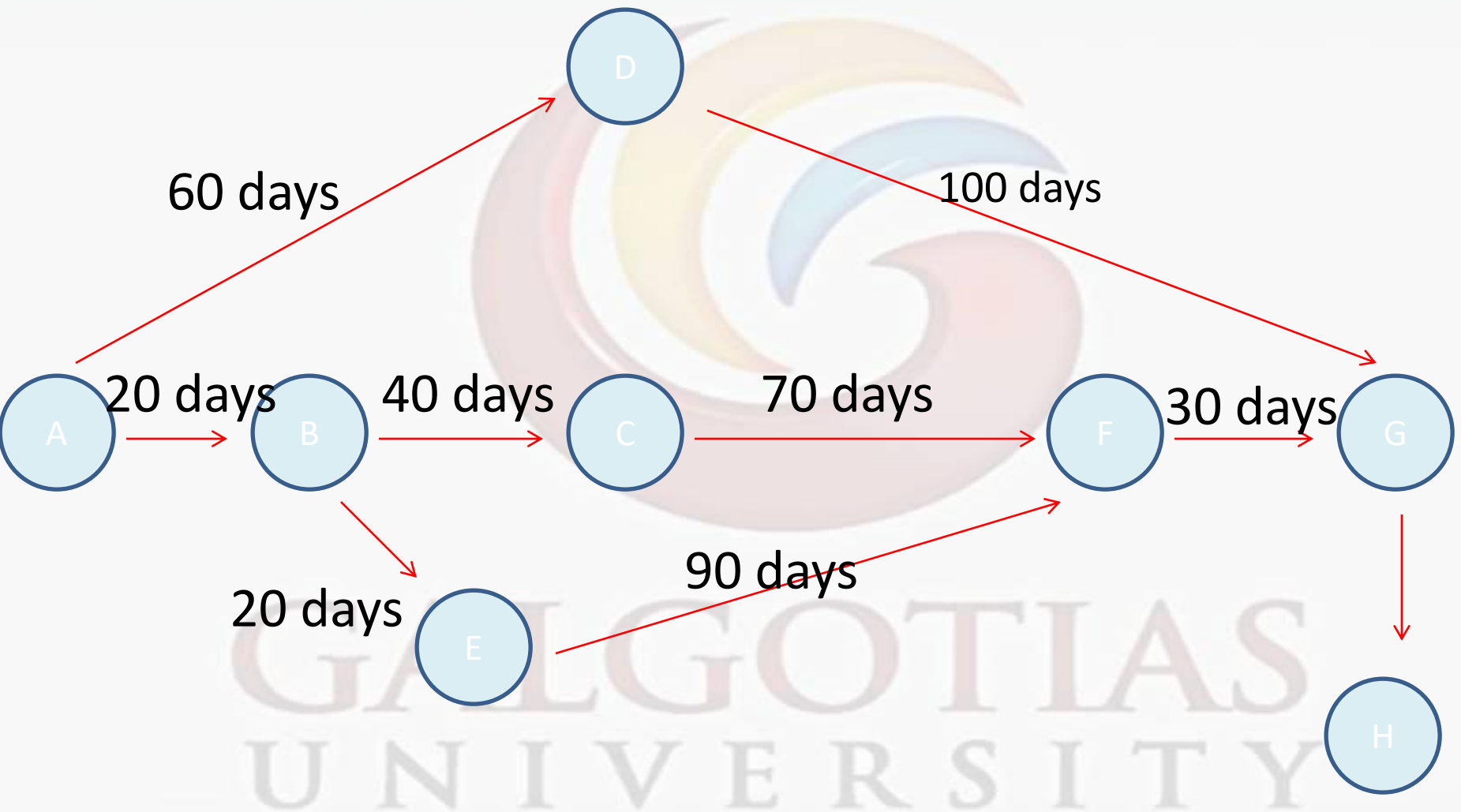
Research project

- Activity
 - A. Formulation of problem
 - B. Research proposal (20 days)
 - C. Review of literature (40 days)
 - D. Allocation of Budget (60 days)
 - E. Taking permission from the authority figure (20 days)
 - F. Data collection (90 days)
 - G. data analysis (30 days)
 - H. Completion of research

School of Nursing

Course Code : BSCN 4003

Course Name: Management of Nursing Services a



Name of the Faculty: Sonia Singh

Program Name: B.sc Nursing

References

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