



B.C.A. (Semester – V) Examination, October 2018

COMPUTER SCIENCE

Elective – I : IT Project Management

Duration : 2 Hours

Max. Marks : 50

Instructions : 1) **All** questions are **compulsory**.

2) Figures to the **right** indicate **full** marks.

3) Draw diagrams **wherever** necessary.

1. Answer the following briefly :

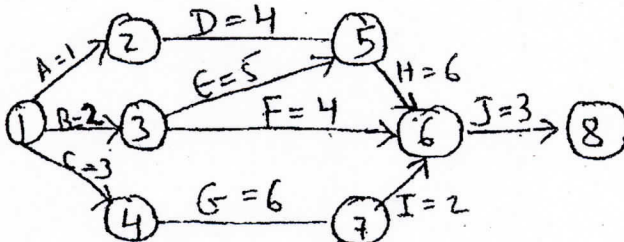
(5×2=10)

- Define supertools.
- What is a kick-off meeting ?
- Define balanced scorecard.
- Briefly explain PERT.
- What is project cost control ?

2. Answer the following :

- List down the four significant best practices that help projects succeed. **2**
- What is mind mapping technique ? Briefly explain the approaches for developing a Work Breakdown Structure (WBS). **3**
- List the 3 techniques for shortening schedules in a project. **5**

Given below is the AoA diagram for project X with all the durations specified in days. Calculate the critical path for project X.





3. Answer the following :

- a) Explain any two problems faced while developing IT cost estimates. 2
- b) Explain the inputs required to develop a project charter. 3
- c) Explain the phases of DMAIC improvement process. 5

4. Answer the following :

- a) State McClelland's acquired needs theory. 2
- b) Briefly explain the Tuckman model for team development. 3
- c) Discuss Blake and Mouton's five conflict handling modes in detail. 5

5. Answer the following :

- 1) Define technology risk. 2
- 2) Explain the need for outsourcing. 3
- 3) Explain project risk management processes. 5

