



B.C.A. (Semester – V) Examination, April/May 2019
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 : (2×5=10)
 - a) List the topics included in the agenda of a kick-off meeting.
 - b) Explain any two project attributes in brief.
 - c) Define Net Present Value (NPV).
 - d) What is critical chain scheduling ?
 - e) Define Schedule Performance Index (SPI).
 2. Answer the following :
 - a) Briefly explain triple constraint. 2
 - b) Discuss any three best practices for avoiding scope problems. 3
 - c) Explain project time management processes in detail. 5
 3. Answer the following :
 - a) Define configuration management. 2
 - b) What is cost of quality ? Explain any three cost categories related to quality ? 3
 - c) Define project portfolio management and explain its five levels. 5
 4. Answer the following :
 - a) If 10 people are involved in a project, calculate the total number of communication channels through which they can communicate. 2
 - b) Explain any 3 guidelines to run effective meetings. 3
 - c) Define power. Explain the types of power. 5
 5. Answer the following :
 - a) Define risk register. 2
 - b) What is procurement planning ? Briefly explain its tools and techniques. 3
 - c) Explain the categories of risk in detail. 5
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