

B.C. A. (Semester – V) (Revised) Examination, October 2015
COMPUTER SCIENCE (CS) ELECTIVE – I – IT PROJECT MANAGEMENT

Duration : 2 Hours

Total Marks : 50

Instructions: 1) *All questions are compulsory.*
2) *Figures to the right indicate marks.*

1. A) Fill in the blanks : (5×1= 5)

- i) _____ work with project sponsors, the project team, and other people involved in a project to meet project goals.
- ii) The last step in the four-stage planning process for selecting information technology projects is _____.
- iii) An _____ is an element of work normally found on the work breakdown structure (WBS) that has an expected duration, a cost, and resource requirements.
- iv) _____ are those costs or benefits that an organization can easily measure in dollars.
- v) _____ is the degree to which a set of inherent characteristics fulfils requirements.

B) Answer the following in **one** or **two** statements. (5×1=5)

- i) Define Requirement.
- ii) What is full form of RAM with respect to project Human Resource Management ?
- iii) Which popular book has used the analogy that you cannot take nine women and produce a baby in one month ?
- iv) Name the technique using which a group attempts to generate ideas or find a solution for a specific problem by accumulating ideas spontaneously and without judgement.
- v) What is another term used for bid ?



2. Answer the following : 10
- A) Explain Kick-off Meeting. 2
 - B) Mention any six pre-initiation tasks often performed by senior project managers. 3
 - X) Define project. What are three primary methods for determining the projected financial value of projects ? Explain any one of them. (1 + 1½+2½)

OR

- Y) What do you mean by triple constraint of project management ? Discuss using an example why each elements of triple constraint must be balanced by a project manager ? (1 + 4)

3. Answer the following : 10
- A) Define earned value and rate of performance. 2
 - B) Explain reserves, contingency reserve and management reserve. 3
 - X) Define work Breakdown Structure. Explain different approaches to Developing WBS. (1 + 4)

OR

- Y) Define Duration. Explain Program Evaluation and Review Technique (PERT) using an example. (1 + 4)

4. Answer the following : 10
- A) Explain intrinsic and extrinsic motivation. 2
 - B) Explain the three processes of Project Quality Management. 3
 - X) Discuss Tuckman model for project team development. 5

OR

- Y) Define cost of quality and explain any 4 cost categories with example. (1 + 4)

5. Answer the following : 10
- A) Mention any 4 broad categories of risks. 2
 - B) Mention six main processes of Project Risk Management. 3
 - X) What are the suggestions help that ensures change control and good contract administration ? 5

OR

- Y) Mention any 5 suggestions mentioned in the text book for improving project communications. Explain basic modes for handling conflicts. (2½ + 2½)