



RM – 05

**B.C.A. (Semester – V) Examination, April 2016**  
**COMPUTER SCIENCE ELECTIVE – 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) \_\_\_\_\_ are the people involved in or affected by project activities and include the project sponsor, project team, support staff, customers, users and suppliers.
- ii) \_\_\_\_\_ process group normally requires the most resources and time.
- iii) Scope \_\_\_\_\_ is often achieved by a customer inspection and then sign-off on key deliverables.
- iv) A \_\_\_\_\_ is the sequencing of project activities or tasks.
- v) \_\_\_\_\_ are costs that can be directly related to producing the products and services of the project.

B) Answer the following in **one** or **two** statements :

(5×1=5)

- i) What tool can you use to determine whether a process is in control or out of control ?
- ii) What technique can you use to resolve resource conflicts by delaying tasks ?
- iii) If you add three more people to a project team of five, how many more communications channel will you add ?
- iv) What is the main output of risk management planning ?
- v) What is full form of RFQ ?

2. Answer the following :

10

A) Define NPV and ROI.

2

B) Mention any six processes of Project Integration Management.

3

X) Define project. Explain the attributes of a project.

(1+4)

OR

Y) What do you mean by process ? Write a short note on project initiating process group.

(1+4)

P.T.O.





3. Answer the following : 10
- A) Define scope and deliverable. 2
- B) Write a short note on WBS dictionary. 3
- X) Define network diagrams ? Explain Activity-On-Arrow (AOA) approach for creating network diagram in detail. (1+4)
- OR
- Y) What do you mean by cost estimation ? Explain different types of cost estimates ? (1+4)
4. Answer the following : 10
- A) Define unit testing and integration testing. 2
- B) Explain Maslow's hierarchy of needs. 3
- X) Define cost of quality and explain any 4 cost categories with example. (1+4)
- OR
- Y) Mention any three processes of Project Human Resource Management. Explain how project managers can apply Covey's seven habits to improve effectiveness on projects. (1 ½ +3 ½ )
5. Answer the following : 10
- A) Mention any four Project communication Management Processes. 2
- B) Explain SharePoint portal, Google Docs and wiki collaborative tools. 3
- X) Explain different risk identification tools and techniques. 5
- OR
- Y) Define contract and Point of Total Assumption. Explain 3 different types of cost Reimbursable Contracts. (1+1+3)