

SARDAR PATEL UNIVERSITY

BCA (Semester – V) (CBCS) (Reg. & NC) Examination 2016

US05EBCA02: Software Project Management

Saturday, 19th November 2016

Time: 02.00pm To 4.00pm

Max. Marks: 70

Note: Figure indicates right side is maximum marks for each question

Que: 1 Select an appropriate answer for the following.

[10]

1. Which of the following brings together a set of tools and techniques used to describe, organize, and monitor the work of project activities?
[A] Project managers [B] Project Management
[C] Stakeholders [D] Guide to the PMBOK
2. Projects have predetermined
[A] Time Span [B] Budget [C] Both A and B [D] None of them
3. A project is a _____ endeavor
[A] Temporary [B] Good [C] Bad [D] None of them
4. If the activity or task is represented on the node(boxes) it is known as
[A] Activity on node Diagram [B] Activity on Arrow Diagram
[C] Task Diagram [D] None of them
5. If you guess how much time or money you need it is called _____
[A] Estimate [B] Duration [C] Process [D] Level of effort
6. A project schedule is the _____ of when things will happen in a project.
[A] Specification [B] Order [C] Group [D] Activity
7. _____ is a systematic attempt to specify threats to the project plan.
[A] COCOMO [B] Software Sizing [C] Linear Models [D] Risk identification
8. SLOC means _____
[A] Source Line of Control [B] Source Line of Code
[C] Second Line of code [D] South line of code
9. All Estimation methods are based upon the _____ core metrics.
[A] Three [B] Two [C] Five [D] Six
10. The project _____ provides a road map for a software project manager.
[A] Cost [B] Resources [C] Schedule [D] Distribution

Que: 2 Answer the following questions in brief: (Attempt any Ten)

[20]

1. Define Project with examples
2. What are the three Components of project management?
3. How Projects are different from task?
4. List out the Elements of Activity Diagram?

(1)

[P.T.O.]

5. Give difference between Capital Resource and Human Resource.
6. What do you mean by Activity on node Diagram?
7. What is Risk Identification?
8. What is risk mitigation?
9. List the Risk drivers that affect software risk components.
10. What is the Purpose of Project Monitoring and Control?
11. List the Basic principles guide for software project scheduling.
12. What is a detailed schedule?

Que: 3 What are the characteristics of Project? Also explain specification and parameters of the project in brief **[10]**

OR

Que: 3 Explain different phases and principles of project management in detail **[10]**

Que: 4 [A] What is the main Steps Involves in creating Activity Diagram? **[05]**

[B] Explain Project proposal with its contents **[05]**

OR

Que: 4 [A] Explain Joint Project Planning Session. **[05]**

[B] Write a note on Project Management Plan. **[05]**

Que: 5 [A] Explain the general characteristics of Automated Estimation Tools **[05]**

[B] What is Risk? Write steps to that perform during the risk assessment. **[05]**

OR

Que: 5 [A] Explain Software Sizing in Detail. **[05]**

[B] Explain Risk analysis activities in detail. **[05]**

Que: 6 [A] Explain the Basic principles guide for software project scheduling. **[06]**

[B] Write a short note on Graphical Reporting Tools. **[04]**

OR

Que: 6 [A] Explain Project Monitoring and Controlling in detail **[06]**

[B] List effort estimation method. Explain any one method in detail **[04]**

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Best ☺ Luck