

Subject : Software Project Management

Day : Monday
Date : 05/12/2016



Time : 10.00 A.M. TO 1.00 P.M.
Max Marks : 80 Total Pages : 2

N.B. :

- 1) Attempt **ANY FIVE** questions from Section – **I** and attempt **ANY TWO** questions from Section – **II**.
- 2) Answers to both the sections should be written in the **SAME** answer book.
- 3) Figures to the right indicate **FULL** marks.

SECTION - I

- Q. 1** Define project and project management. Differentiate between software project and other types of projects. (10)
- Q. 2** What is requirement engineering? Give the purpose of SRS and state its importance. (10)
- Q. 3** Explain the COCOMO model of software cost estimation. (10)
- Q. 4** What do you mean by resource scheduling? Describe the process of resource scheduling. (10)
- Q. 5** Explain top ten risks in software project with their mitigation. (10)
- Q. 6** What is quality? Give McCall’s quality factors. (10)
- Q. 7** Write short note on **ANY TWO** of the following: (10)
- a) ISO
 - b) PMBOK
 - c) Types of requirements

SECTION - II

- Q. 8** Consider the following project: (15)

Activity	Predecessor's	Duration (weeks)
A	-	7
B	A	3
C	A	9
D	B	4
E	B, C	3
F	E	4
G	D, F	7
H	G	8

- i) Draw activity network diagram and find the critical path.
- ii) What is the minimum completion time for the project?

P. T. O.