

B.C.A. (2010 Course Sem- VI : SUMMER - 2019)
SUBJECT: SOFTWARE PROJECT MANAGEMENT

Day: Monday
Date: 15/04/2019

Time: 10.00 AM TO 01.00 PM
Max. Marks: 70

S-2019-2108

N.B:

- 1) **Q. No.1 is COMPULSORY.**
- 2) Attempt **ANY FOUR** questions from **Q. No.2 to Q. No.7.**
- 3) Figures to the right indicate **FULL** marks.

Q.1 Draw the activity network diagram and find critical path for the project given (14)
below.

Activity	Predecessors	Duration in weeks
A	-	4
B	-	2
C	-	5
D	A	7
E	C	4
F	A	6
G	B, D, E	4

- Q.2** a) Define project and software project management. Discuss various problems associated with software projects. (07)
- b) Explain phases of software project management. (07)
- Q.3** a) Discuss the role of PMBOK in project management. (07)
- b) Explain the concept of Work breakdown structure. (07)
- Q.4** Explain COCOMO model of effort estimation in detail. (14)
- Q.5** Discuss various elements of Risk management in brief. (14)
- Q.6** a) What is contract? Give the types of it. (07)
- b) Define software quality. Explain importance of it. (07)
- Q.7** Write short notes on **ANY TWO** of the following: (14)
- a) ISO standards
 - b) Leadership styles
 - c) Role of project management

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