

M.B.A. (GEN.) / M.B.A. (HR) / Semester - IV (2012  
COURSE)(CHOICE BASED CREDIT SYSTEM)/ M.B.A. (FM)  
Semester - IV (2013 (CHOICE BASED CREDIT SYSTEM) :

SUMMER - 2019

SUBJECT : ELECTIVE – VIII : SOFTWARE PROJECT MANAGEMENT (ITM)

Day : Thursday

Time : 02.00 PM TO 05.00 PM

Date : 30/05/2019

Max. Marks : 100

S-2019-2311

N.B.

- 1) Attempt any **FOUR** questions from Section – I and any **TWO** questions from Section – II.
- 2) Figures to the right indicate **FULL** marks.
- 3) Answer to both the sections should be written in **SAME** Answer book.

**SECTION – I**

- Q.1** Explain the activities covered by software projects. How are software projects different from other projects? (15)
- Q.2** Elaborate the Waterfall model and Spiral model in Software Project Management. (15)
- Q.3** What are the objectives of activity planning and monitoring? Explain any one model for project scheduling. (15)
- Q.4** What is the high performance directive and collaborative styles in software team management? (15)
- Q.5** Write short notes on any **TWO** : (15)
- a) Process related issues in software projects
  - b) Role of testing in software projects.
  - c) Delphi cost estimation

**SECTION – II**

- Q.6** a) Draw PERT network for the following project. Also give the critical path, start time and end time. (10)

Activity	Activity Description	Time (Days)	Predecessor
A	Develop Project Plan	1	-
B	Assign Project Task	4	A
C	Obtain Necessary Hardware	17	A
D	Project Coding	70	B
E	Hardware Installation	10	C
F	Testing Program	30	D
G	Preparing User Manual	25	E
H	Files Conversion	20	E
I	Testing the System	25	F
J	Testing Users	20	G,H
K	User Acceptance Testing	25	I,J

- b) Define software configuration management. Explain the task in software configuration management. (10)
- Q.7** What is risk management? What are the common sources of risk for information technology project and how they are managed? (20)
- Q.8** Discuss the team structure for software projects. Explain the significance of team communication and group behavior for the successful completion of software project. (20)

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