

Day : *Friday*
Date : *28-01-2022*

W-18800-2021

Time : 02:00 PM-05:00 PM
Max. Marks: 60

N.B.:

- 1) Q. No. 4 from Section –I is **COMPULSORY**.
- 2) Solve any **TWO** questions from Q. no. 1 to Q. no. 3.in Section –I
- 3) Solve any **TWO** questions from Q. no. 5 to Q. no. 7.in Section –II.
- 4) Figures to the right indicate **FULL** marks.
- 5) Answer to both the sections should be written in **SAME** answer book.

SECTION-I

- Q.1** a) Differentiate between CPM and PERT. (06)
b) Explain any two methods of project selection. (06)
- Q.2** a) What is project Scheduling? Discuss the concept in brief. (06)
b) What is efforts estimation? Discuss the costs to be considered during cost estimation. (06)
- Q.3** a) Describe various ISO standards in brief. (06)
b) Discuss classical mistakes in project management. (06)
- Q.4** Write short notes on any **THREE** of the following: (12)
a) Probability and impact risk matrix
b) Project and activities
c) Project management framework
d) Scope management

SECTION-II

- Q.5** Find the activities, draw the network diagram and find the critical path for the project given below. (12)
a) To purchase the desktop computer at your home.
b) To arrange the workshop at your college.
- Q.6** Consider the project with size of 32000 DSI and it is semidetached software. It is in a mission critical area so reliability is high (RELY – high = 1.15). Calculate efforts, schedule, productivity and average staffing for the above project using COCOMO model. (12)
- Q.7** a) “Change is the only constant thing in software project management”. Justify with example. (06)
b) Explain any one tool available for project management. (06)

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