

BACHELOR OF COMPUTER APPLICATIONS (CBCS - 2018 COURSE)

B.C.A. Sem-VI : WINTER : 2024

SUBJECT: SOFTWARE PROJECT MANAGEMENT

Day : Thursday

Date : 02/01/2025

W-18800-2024

Time : 02:00 PM-05:00 PM

Max. Marks : 60

N.B.

- 1) Q.4 from SECTION I is **COMPULSORY**.
- 2) Solve **ANY TWO** questions from Q.1 to Q.3 in **SECTION-I**
- 3) Solve **ANY TWO** questions from Q.5 to Q.7 in **SECTION-II**
- 4) Figures to the right indicates **FULL** marks.
- 5) Answer to both the sections should be written in **SAME** answer book.

SECTION – I

- Q.1** a) Define project. What are various characteristics of software project? (06)
b) Explain various problems associated with software project. (06)
- Q.2** Explain work breakdown structure with example. (12)
- Q.3** Explain role of Network Planning Model PERT and CPM in software project management. (12)
- Q.4** Write short note on **ANY THREE** of the following: (12)
a) PMBOK
b) Function Point Analysis
c) Elements of risk management
d) Features of Microsoft Project

SECTION – II

- Q.5** Explain in brief COCOMO model of software cost estimation. (12)
- Q.6** Prepare software project management plan for Library Management Software. (12)
- Q.7** a) Explain project management framework. (06)
b) Explain top risks associated with web application. (06)
