

1490 / V

B.C.A. (Part-III) EXAMINATION, 2024-25

(Vth SEMESTER)

(BCA 504 : SOFTWARE PROJECT MANAGEMENT)

Paper : IV

Time : Three Hours]

[Maximum Marks : 70

Note: (i) Answer **five** questions in all.

(ii) Question No.-1 is **compulsory**.

(iii) Answer remaining **four** questions, selecting **two** from each Section A and B.

(iv) All questions carry equal marks.

1. Answer all parts of the following :

(a) What are the characteristics of a project ?

(b) Define Quality Control and Quality Assurance.

(c) What are the objectives of activity planning ?

(d) Define project cost estimation.

Section-A

2. What is software project management ? Explain the product life cycle in detail.

3. Explain the constructive Cost Model (COCOMO) and its types in detail.



4. Explain in detail the following :
 - (i) Risk evaluation
 - (ii) Strategic planning
5. Assuming yourself as a manager, strategize and design a team for a new project which requires new technical skills.

Section-B

6.
 - (a) What do you mean by Risk Identification ?
 - (b) What kind of challenges faced by project manager during of projects ?
7.
 - (a) What is software ? How software project is different from other projects ?
 - (b) What do you mean by software quality assurance (SQA) ?
8.
 - (a) What do you mean by Rate of Interest (ROI) ? Also explain it by using certain case in detail.
 - (b) Explain the project termination process. What are the reasons for project termination ?
9. Write notes on any two of the following :
 - (a) Role of closure analysis
 - (b) Software Configuration Items (SCI)
 - (c) Program Evaluation and Review Technique (PERT)
 - (d) Project development Phases

