(b) Discuss the need of Supply chain management. Enumerate features of Supply Chain Management.   (CO5)

(c) Discuss the application of information system in :   (CO5)

    (i) Accounting and Finance

    (ii) Hospitals and Banks

    (iii) Production and Manufacturing

H   Roll No. ....

TBC–403/TBI–405

B. C. A./B. Sc. (IT)

(FOURTH SEMESTER)

END SEMESTER EXAMINATION,

June, 2023

SOFTWARE PROJECT MANAGEMENT AND INFORMATION SYSTEM

Time : Three Hours

Maximum Marks : 100

Note : (i) All questions are compulsory.

    (ii) Answer any *two* sub-questions among (a), (b) and (c) in each main question.

    (iii) Total marks in each main question are **twenty**.

    (iv) Each sub-question carries 10 marks.

1. (a) Discuss the need of Software Project Management. What are the categories of Software projects.   (CO1)

P. T. O.

(b) Discuss the Function Point Analysis. How is it different from LOC based estimation. (CO1)

(c) Elaborate the need of resource allocation in Software Project Management. Discuss the strategies for resource allocation in software project. (CO1)

2. (a) Compare and contrast between Basic and Intermediate COCOMO with the help of suitable example. (CO2)

(b) Justify the need of Project scheduling. Discuss the various methods for project scheduling with suitable example. (CO2)

(c) Discuss Software Configuration Process in software development. (CO2)

3. (a) Enumerate the importance of Executive · support system. How is it different from Office Automation System. (CO3)

(b) What do you understand by group decision support system ? Discuss the tools used for group decision support system. (CO3)

(c) Define Expert system. Discuss the components of Expert system. (CO3)

4. (a) Differentiate between Transaction Processing System and Decision Support System with the help of suitable example. (CO3, 4)

(b) Elaborate the monitoring and control process. Also discuss the characteristics of control process with the help of suitable example. (CO3, 4)

(c) Discuss the phases of information system development with suitable example. (CO3, 4)

5. (a) What do you understand by Enterprise Resource Planning ? Enumerate the components of ERP. Discuss the merits and demerits of ERP. (CO5)