End Semester Examination 2024

Name of the Course: BCA

Name of the Paper: Software Project Management and Information Systems

Semester: IV

Paper Code: TBC403

Time: 3 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 question carries 10 marks.

Q1	(10*2=20 marks)	
(a)	What do you mean by software project planning? Explain the steps involved in it.	CO1
(b)	With a proper diagram, explain the five main stages of the software project life cycle.	
(c)	List and explain the basic principles of project scheduling. Explain the relationship between people and effort in relation with software project development.	
Q2	(10*2=20 marks)	
(a)	Discuss Information System and its components. Draw a diagram for representing the types of information systems.	CO2
(b)	What are the types of Office Automation System? What do mean by staffing in software development process?	
(c)	Discuss the functions of Management Information System. With a proper diagram, explain its components.	
Q3	(10*2=20 marks)	
(a)	Differentiate between manufacturing systems and service systems.	CO3
(b)	What are the various functions of Management Accounting Systems? How it is different from Finance systems?	
(c)	What the basic features on Enterprise Resource Planning? What are the various challenges in implementation ERP in an organization?	
Q4	(10*2=20 marks)	
(a)	Elaborate functions of Human Resource Management Systems.	CO4
(b)	Discuss the types of organizational planning. With the help of a diagram, explain the process of planning.	
(c)	Explain the Characteristics and nature of control in an organization. What do you mean by SDLC phases?	
Q5	(10*2=20 marks)	
(a)	Draw the working diagram of Supply Chain Management System. Explain its modules, and advantages.	CO5
(b)	Draw and explain the cycle of Transaction Processing System. Why, in these system major focus is on enquiry processing?	
(c)	Explain Decision Support System, types of decisions, and its components.	