



COMPREHENSIVE CONCURRENT EVALUATION

Important Instruction:

1. The subject is evaluated based on four components:
2. Students should submit their assignments and PPT's at college as well as google classroom.

Sr.No	Components	Submission Date	Marks
1.	Written Home Assignment	11/12/2021	25
2.	Theory Questions and Presentation	21/12/2021	25
3.	Presentation	15/01/2021	25
4.	MCQ Based online Test	Will be announce	25
	Total Marks		100



Component 1: Written Home Assignment

Submission Date: 11/12/2021

Q:1) Answer the following Questions in detail:

1. What is Data Structure? What are the different operations of DS?
2. What is searching? Explain the different types of searching methods.
3. Explain with e.g. Bubble sort method.
4. Explain with e.g. Insertion sort method.
5. Explain with e.g. Selection sort method.
6. Explain with e.g. Merge sort method.
7. What is stack? What are the different operations of stack?
8. Give the different applications of stack.
9. Explain with e.g. below conversions.
 - a. Infix to Postfix.
 - b. Infix to Prefix.
 - c. Postfix to Infix.
 - d. Prefix to Infix
10. Write a program for stack for PUSH, POP and DISPLAY Operations?



Component 2: Theory Questions and Presentation

Submission Date: 21/12/2021

Students should choose any one topic from syllabus for Presentation

Presentation date 20/12/2021

Q.1) Answer the following questions in short:

1. What is Queue? What are the different operations of queue?
2. Give the different applications of Queue.
3. Explain the different types of Queue.
4. Write a program for queue for INSERT,DELETE and DISPLAY Operations?
5. What is Tree? Explain the different Types of Tree.
6. Explain the different Terminologies of Tree.
7. What is Graph? Explain the different terminologies of Graph?
8. Explain the different types of Graph.
9. What is Adjacency Matrix and Adjacency List in Graph? Explain with Example.



Component 3: Presentation

Date: 15/01/2021

Students can select any one topic from the syllabus for presentation.

After presentation students should upload their PPT's to google classroom