

Ramakrishna Mission Vidyamandira

(An Autonomous College Under University of Calcutta)

Computer Science (Honors) Semester II 2024

Paper: 2CMSCOC 1 Practical

|  |
| --- |
| **Submitted by** |
| Class Roll Number: 340  Registration Number:  B.Sc.  2th Semester  Batch: 2023-27 |

**INDEX**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SI NO.** | **ASSIGNMNET STATEMENT** | **D-O-A** | **D-O-S** | **SIGNATURE** |
|  | Write a program to insert an element at desired position in an array. |  |  |  |
| 2. | Write a program to delete an element at desired position in an array. |  |  |  |
| 3. | Write a program a Sparse matrix as a user input and create Triplet |  |  |  |
| 4. | Write a program to create a Stack and implement is operation push, pop, empty, full, peek and display. |  |  |  |
| 5. | Write a program infix to postfix. |  |  |  |
| 6. | Evaluating postfix Expression in Stack. |  |  |  |
| 7. | Write a program Tower of Hanoi. |  |  |  |
| 8. | Write a program a Linear Queue. |  |  |  |
| 9. | Write a program to implementation a Circular Queue. |  |  |  |
| 10. | Write a program to implement of insertion Sort. |  |  |  |
| 11. | Write a program to implement of Selection Sort. |  |  |  |
| 12. | Write a program to implement of Bubble Sort. |  |  |  |
| 13. | Write a program to implement of Linear Search. |  |  |  |
| 14. | Write a program to implement of Binary Search. |  |  |  |
| 15. | Create a Binary Tree and perfrom it’s inorder,preorder and postorder Traversal. |  |  |  |
| 16. |  |  |  |  |
| 17. |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| NOTE: |  |  |  |  |
|  |  |  |  |  |