**PROGRAMMING SYLLABUS**

Day-1. Introduction of for loop, Programs on for loop and 30 assignment questions.

Day-2. Doubts clarified on for loop assignment.

Day-3. Programs on for loop and 30 assignment questions.

Day-4. Introduction of while loop, Programs on while loop and 30 assignment questions.

Day-5. Doubts clarified on while loop assignment.

Day-6. Programs on while loop and 30 assignment questions.

Day-7. Introduction of if conditions, Programs on if conditions 30 assignment questions.

Day-8. Doubts clarified on if condition assignment.

Day-9. Programs on if condition and 30 assignment questions.

Day-10. Combination of for loop and if condition Programs s and 30 assignment questions.

Day-11. Doubts clarified on for loop and if condition Programs and 30 assignment questions.

Day-12. Combination of while loop and if condition Programs and 30 assignment questions.

Day-12.Doubts clarified on while loop and if condition Programs and 30 assignment questions.

Day-13. Introduction on Switch case, Programs on Switch case and 30 Programs assignment.

Day-14. Doubts clarified on switch case.

Test fresher’s practice test

Day-15. 2000 Programs assignment on for loop, while loop, Switch Case and if condition within a week.

Day-16. 10 Programs on star patterns and 30 assignment.

Day-17. 10 Programs on uppercase character patterns and 30 assignment.

Day-18. 10 Programs on lowercase character patterns and 30 assignment.

Day-19. 5 Programs on number patterns and 30 assignment.

Day-20. \*Factorial of a given number.

\*Sum of factorial of the number?

\*Fibonacci number.

\*User given number Fibonacci.

\*Sum of Fibonacci number?

\*FizzFizz BuzzBuzz?

Day-21.\*Sum of given number?

\*Count even and odd numbers in the given number?

\*sum of even and odd numbers in the given number?

\*Reversing the given number?

\*Check number is palindrome or not?

Day-22.\*Swap 2 numbers with using 3rd variable?

\*Swap 2 numbers without using 3rd variable?

\*Prime number?

\*Range of prime number?

\*Sum of range of prime number?

Day-23.\*Strong number?

\*Armstrong number?

\*perfect number?

\*Happy number?

Day-24.\*java inbuilt functions and methods along with Programs?

Day-25.\*Reverse given string?

\*String palindrome?

\*Remove extra space in the sentence?

\*Replacing old character to new character?

**----- First Mock -----**

Day-26.

\*Array numbers printing?

\*Even index value numbers printing?

\*Sum of Even index value numbers

\*Odd index value printing?

\*Sum of odd index value numbers

\*Even numbers printing in an array?

\*Sum of Even numbers in an array?

\*Odd numbers printing in an array?

\*Sum of odd numbers in an array?

Day-27.\*Sort given array in ascending order using inbuilt method?

\*Sort given array in ascending order without using inbuilt method?(Bubble sort)

Day-28.\*String Anagram?

\*Finding vowels in the given string?

\*Reverse a given sentence?

\*Reverse words in the given sentence?

Day-29.\*Count number of character in the given string?

\*Count number of duplicate characters in the given sentence and print?

\*Count number of even words in the given sentence?

Day-30. \*Duplicate numbers removing in the given array?

\*Repeated numbers printing in the given array?

Day-31.\*Find max and min value in the given array?

\*Find second max and min value in the given array?

Day-32.Make practice on coding plat forms.

Day-33.Company Test Case.

Day-34.Make practice on coding plat forms.

Day-35.Company Test Case.

**----- Second Mock -----**

Day-36.Make practice on coding plat forms.

Day-37.Company Test Case.

Day-38.Make practice on coding plat forms.

Day-39.Company Test Case.

Day-40.Make practice on coding plat forms.

Day-41.Company Test Case.

Day-42.Make practice on coding plat forms.

Day-43.Company Test Case.

Day-44.Make practice on coding plat forms.

Day-45.Make practice on coding plat forms.

**-----Final Mock-----**