**KBC North Maharashtra University, Jalgaon**

**MCA External Practical Examination (March 2023)**

**CA Lab-II: Lab on OS (Linux)**

**Seat No:**

**Max. Marks: 30 External Examiner Sign\_\_\_\_\_\_\_**

**------------------------------------------------------------------------------------------------------------------------------------------**

1. Write a shell program to print reverse of command line argument.
2. Write a shell program to find the sum of n different numbers.

**-------------------------------------------------------------------------------------------------------------------------------------------**

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**CA Lab-II: Lab on OS (Linux)**

**Seat No:**

**Max. Marks: 30 External Examiner Sign\_\_\_\_\_\_\_**

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1. Write a shell program to find factorial of given number.
2. Write a shell program to print the reverse of a given number.

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**KBC North Maharashtra University, Jalgaon**

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**CA Lab-II: Lab on OS (Linux)**

**Seat No:**

**Max. Marks: 30 External Examiner Sign\_\_\_\_\_\_\_**

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1. Write a shell program to check given string is palindrome or not.
2. Write a shell program to find the largest number between three numbers.

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**KBC North Maharashtra University, Jalgaon**

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**CA Lab-II: Lab on OS (Linux)**

**Seat No:**

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1. Write a shell program to find sum of digit of given number.
2. Write a shell program to find the smallest number from a set of numbers.

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**KBC North Maharashtra University, Jalgaon**

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**Seat No:**

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1. Write a shell program to enter the file name by command line and check give name is file, if it is file then removes interactively.
2. Write a shell program to find the sum of odd digits and even digits from a given number.

**KBC North Maharashtra University, Jalgaon**

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**CA Lab-II: Lab on OS (Linux)**

**Seat No:**

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1. Write a shell program to enter two numbers and calculate GCD of give number.
2. Write a shell program to find the smallest digit from a number.

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**KBC North Maharashtra University, Jalgaon**

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1. Write a shell program to receive file name from user and inform file is exists or not. If it's exists then display access permission and size of file.
2. Write a shell program to check the given number is palindrome or not.

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1. Write a shell program to find sum and average of the command line arguments.
2. Write a shell program to find the smallest number from a set of numbers.

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**KBC North Maharashtra University, Jalgaon**

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**CA Lab-II: Lab on OS (Linux)**

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1. Write a shell program to display the line of given file from 10 to 20.
2. Write a shell program to perform arithmetic operation using case statement.

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**KBC North Maharashtra University, Jalgaon**

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**CA Lab-II: Lab on OS (Linux)**

**Seat No:**

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1. Write a shell program to find the junk file and remove this file interactively.
2. Write a shell program to check the given number is even or odd.

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**CA Lab-II: Lab on OS (Linux)**

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1. Write a shell program to find the Fibonacci series of given number.
2. Write a shell program to which simulate at least 5 DOS command.

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**KBC North Maharashtra University, Jalgaon**

**MCA External Practical Examination (March 2023)**

**CA Lab-II: Lab on OS (Linux)**

**Seat No:**

**Max. Marks: 30 External Examiner Sign\_\_\_\_\_\_\_**

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1. Write a shell program to check whether number is divisible by 7 or not.
2. Write a shell program to count the number of vowels in a line of text.

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**KBC North Maharashtra University, Jalgaon**

**MCA External Practical Examination (March 2023)**

**CA Lab-II: Lab on OS (Linux)**

**Seat No:**

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1. Write a shell program to print reverse of command line argument.
2. Write a shell program to get roll no, name and marks of student and calculate total and average.

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**KBC North Maharashtra University, Jalgaon**

**MCA External Practical Examination (March 2023)**

**CA Lab-II: Lab on OS (Linux)**

**Seat No:**

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1. Write a shell program to find factorial of given number.
2. Write a shell program to create multiple choices question, gets the user's answer and reports back whether it is right or wrong. Finally it shall display the score.

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**KBC North Maharashtra University, Jalgaon**

**MCA External Practical Examination (March 2023)**

**CA Lab-II: Lab on OS (Linux)**

**Seat No:**

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1. Write a shell program to check given string is palindrome or not.
2. Write a shell program to find the sum of odd and even numbers from a set of numbers.

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**MCA External Practical Examination (March 2023)**

**CA Lab-II: Lab on OS (Linux)**

**Seat No:**

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1. Write a shell program to find sum of digit of given number.
2. Write a shell program to check the given number is Armstrong or not.

**------------------------------------------------------------------------------------------------------------------------------------------**

**KBC North Maharashtra University, Jalgaon**

**MCA External Practical Examination (March 2023)**

**CA Lab-II: Lab on OS (Linux)**

**Seat No:**

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**------------------------------------------------------------------------------------------------------------------------------------------**

1. Write a shell program to enter the file name by command line and check give name is file, if it is file then removes interactively.
2. Write a shell program to check the given number is prime or not.

**------------------------------------------------------------------------------------------------------------------------------------------**

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**CA Lab-II: Lab on OS (Linux)**

**Seat No:**

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**------------------------------------------------------------------------------------------------------------------------------------------**

1. Write a shell program to enter two numbers and calculate GCD of give number.
2. Write a shell program to generate prime numbers between 1 and 50.

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**KBC North Maharashtra University, Jalgaon**

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1. Write a shell program to receive file name from user and inform file is exists or not. If it's exists then display access permission and size of file.
2. Write a shell program to perform arithmetic operation using case statement.

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1. Write a shell program to find sum and average of the command line arguments.
2. Write a shell program to get marks of student from user find percentage. Based on percentage display students grade.

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1. Write a shell program to display the line of given file from 10 to 20.
2. Write a shell program to which simulate at least 5 DOS command.

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1. Write a shell program to find the junk file and remove this file interactively.
2. Write a shell program to create multiple choices question, gets the user's answer and reports back whether it is right or wrong. Finally it shall display the score.

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1. Write a shell program to find the Fibonacci series of given number.
2. Write a shell program to get roll no, name and marks of student and calculate total and average.

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1. Write a shell program to check whether number is divisible by 7 or not.
2. Write a shell program to find the sum of odd and even numbers from a set of numbers.

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1. Write a shell program to print reverse of command line argument.
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1. Write a shell program to find factorial of given number.
2. Write a shell program to check the given number is palindrome or not.

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1. Write a shell program to check given string is palindrome or not.
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1. Write a shell program to find sum of digit of given number.
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