

Total page: 1

**PG CBCS**  
**M.SC. Semester-I Examination, 2021**  
**DEPARTMENT OF PHYSICS**  
**PAPER: PHS 196 (PRACTICAL)**  
**(COMPUTER PRACTICAL)**

**Full Marks: 50**

**Time: 3 Hours**

Answer any **TWO** questions of the following:

**2X10=20**

1. Write a program in C to check whether a number is prime or not.
2. Write a program in to calculate the factorial value of an integer.
3. Write program in C to print Fibonacci series up to N number. (Value of N will be given by user)
4. Write a program in C to print the bellow pattern

```
*** ** * * * * *
*           *
*           *
*           *
*           *
*** ** * * * * *
```

5. Write a program in C to check a word is palindrome or not.
6. Write a program in C to transpose a matrix.

\*\*\*\*\*