MCC/18/M.Sc./Sem.-I/PHS/1

PG (NEW) CBCS
M.Sc. Semester-I Examination, 2018
PHYSICS
PAPER: PHS-196
(<u>COMPUTER PRACTICAL</u>)

Full Marks: 50   **Time: 3 Hours**

(Viva- Voce: 10, LNB: 05, Program: 35)

Answer any one question from the below in lottery basis.

1. Write a FORTRAN/C program to check whether a number is Prime or not.

2. Write a FORTRAN/C program to find the factional of a number.

3. Write a FORTRAN/C program to extract each digit of a 5 digit number and multiply them.

4. Write a FORTRAN/C program to find the value of Sin 30°.

5. Write a FORTRAN/C program to generate Fibonacci series upto 100.

6. Write a FORTRAN/C program to display Armstrong number between 100 to 999.

7. Write a FORTRAN/C program to check whether a number is Palindrome or not.

8. Write a FORTRAN/C program to arrange a set of numbers in ascending order.

9. Write a FORTRAN/C program to convert decimal to binary numbers.

10. Write a FORTRAN/C program to find the sum of all even numbers between a range.

11. Write a FORTRAN/C program to multiply two matrices.

12. Write a FORTRAN/C program to display the transpose of a given matrix.

13. Write a FORTRAN/C program to find the highest and lowest element of a given matrix.

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