2015

MCA

3rd SEMESTER EXAMINATION

OPERATING SYSTEM LAB

(PRACTICAL)

PAPER—MCA-307

Full Marks : 50

Time : 2 Hours

The figures in the margin indicate full mark

Candidates are required to give their answers in own words as far as practicable.

Illustrate the answers wherever necessary.

Answer any *one* question (*on lottery basis*)

1. Write a Shell program to convert Celsius tempe Fahrenheit scale.

2. Write a Sell program to find whether a given inpt or odd.

3. Write a Shell program to find whether a given prime or not.

4. Write a Shell program to find the prime number 1 to 100.

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5. Write a Shell program for generation of Fibonacci number (First 20 numbers).

6. Write a Shell program to calculate factorial of a given input.

7. Write a Shell program for Linear search algorithm.

8. Write a Shell program to convert a binary number to its equivalent decimal number.

9. Write a Shell program to implement binary search algorithm.

10. Write a Shell program to convert a decimal number to its equivalent binary number.

11. Write a Shell program for insertion sort algorithm.

12. Write a Shell program to convert a decimal number to its equivalent octal number.

13. Write a Shell program to implement Bubble sort algorithm.

14. Write a Shell program to convert a decimal number to its equivalent hexa decimal number.

15. Write a Shell program to convert a hexa decimal number to its equivalent decimal number.

P.N.B. — 05

Viva — 10

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C/16/MCA/3rd Seme./MCA-307(Pr.)   *TB—100*