ਰਾ ਗਏਇਗੋਾ

2012

M.Sc.

1st Semester Examination

OPERATING SYSTEM LAB

PAPER—COS-106

(PRACTICAL)

Full Marks : 50

Time : 2 Hours

The figures in the margin indicate full marks.

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

Illustrate the answers wherever necessary.

All notations have their usual meaning.

Answer any *one* (on lottery basis)

1. Write a shell program to check the given character is either digit or alphabet of non-alpha-numeric value.

2. Write a shell program to calculate factorial of a number.

3. Write a shell program to calculate a^b.

4. Write a shell script to check whether a number is prime or not.

5. Write a shell program to print Fibonacci numbers between a given range.

6. Write a shell program to calculate the grade.

7. Write a shell program to print the reverse character string.

8. Write a shell program to calculate the sum of digits of n digit number.

9. Write a shell program to print the integer reverse.

10. Write a shell program to display the list of files in the current directory which have read, write and execute permission.

11. Write a shell program to determine whether a year is leap year or not.

PNB —	*05*
Viva —	*05*

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