

**IV/BCA/406**

**2014**

( 4th Semester )

**BACHELOR OF COMPUTER APPLICATIONS**

Course No. : 406

**( Unix and Shell Programming )**

**( Practical )**

*Full Marks : 75*

*Time : 3 hours*

*The figures in the margin indicate full marks  
for the questions*

**SECTION—A**

**Answer any two questions**

1. Write a program to calculate gross salary if the DA is 45% of basic salary, and House Rent Allowance is 20% of basic salary. 15
2. Write a program to calculate the area perimeter of the rectangle, and the area and circumference of the circle (length and breadth of a rectangle and radius of a circle are input through the keyboard). 15

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( Turn Over )

3. Write a shell script which receives two file names as argument. Check whether the two file's contents are same or not. If same, the second file should be deleted. 15

SECTION—B

Answer any one question

4. Write a shell script to print prime numbers from 1 to 100. 20
5. Write a shell script which displays a list of all files in the current directory to which you have read. Write and execute permission. 20

SECTION—C

- \* Viva voce 15
- \*\* Practical Record Book 10

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