

III/BCA/303P

2016

(3rd Semester)

BACHELOR OF COMPUTER APPLICATION

Paper No. : BCA-303P

(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 : 15×2=30

1. Write a program to calculate the area and perimeter of the rectangle, and the area and circumference of the circle.
2. Write a shell script to calculate the profit and loss.
3. Write a program to find whether an input integer is an odd number or an even number.
4. Write a shell script to find the factorial value of a given number.

G7/189

(Turn Over)

(2)

SECTION—B

Answer any *one* question : 20

5. Write a program to calculate the gross salary if the DA is 45% of basic salary and house rent allowance is 20% of basic salary.
6. Write a shell script which displays a list of all files in the current directory to which you have read, write and execute permission.

SECTION—C

7. Viva voce. 15
8. Practical record. 10
