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(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

1. Write a program to create a file, count the number of lines, words and characters of that file. 15

2. Write a program to calculate the sum of five-digit numbers. 15

3. Write a shell script to calculate Profit & Loss. 15

(2)

4. Write a program to calculate gross salary if the DA is 55% of basic salary, HRA is 25% of basic salary. 15

SECTION—B

Answer *any* **one** question

5. Write a program to determine whether the given year is leap year or not. 20

6. Write a shell script to print the prime numbers from 1 to 100. 20

SECTION—C

7. Viva voce 15

8. Practical record book 10

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