

**BACHELOR IN COMPUTER APPLICATIONS (BCA)  
(REVISED)**

**Term-End Practical Examination**

**December, 2012**

**03695**

**BCSL-021 : C Language Programming**

*Time allowed : 1 hour*

*Maximum Marks : 50*

---

**Note :** *There are two questions in this paper. Answer them all. They carry 40 marks.  
The rest 10 marks are for viva-voce.*

---

---

1. Write an interactive 'C' Program to check whether the given number is a palindrome or not ? **20**
  
2. Write an interactive program to calculate Gross salary and Net salary and generate the pay-slips for 5 employees if Basic, TA, DA, allowances and deductions are given. **20**  
Assumptions can be made wherever necessary.

Note : Use Structures concept.

---

**BACHELOR IN COMPUTER APPLICATIONS (BCA)  
(REVISED)**

**Term-End Practical Examination** 01165  
**December, 2012**

**BCSL-021 : C Language Programming**

*Time allowed : 1 hour*

*Maximum Marks : 50*

---

*Note : There are two questions in this paper. Answer them all. They carry 40 marks.  
The rest 10 marks are for viva-voce.*

---

1. Write an interactive 'C' Program to abbreviate a given name. 20  
Example : Input : RAM LAXMAN KAPOOR  
Output : R L KAPOOR
  
  2. Write a program to check whether a given number is a prime number or not. 20
-

**BACHELOR IN COMPUTER APPLICATIONS (BCA)  
(REVISED)**

**Term-End Practical Examination 01245**

**December, 2012**

**BCSL-021 : C Language Programming**

*Time allowed : 1 hour*

*Maximum Marks : 50*

---

**Note :** *There are two questions in this paper. Answer them all. They carry 40 marks.  
The rest 10 marks are for viva-voce.*

---

1. Write an interactive 'C' Program to calculate the total, average and grade if the marks of 5 subjects are given for 5 students. Assumptions can be made wherever necessary. 20  
Note : Use Structures concept.
  
2. Write a program to convert a decimal number to its binary number equivalent. 20

**BACHELOR IN COMPUTER APPLICATIONS (BCA)  
(REVISED)**

**Term-End Practical Examination 00695**

**December, 2012**

**BCSL-021 :C Language Programming**

*Time allowed : 1 hour*

*Maximum Marks : 50*

---

**Note :** *There are two questions in this paper. Answer them all. They carry 40 marks.  
The rest 10 marks are for viva-voce.*

---

1. Write an interactive program to convert a binary number to its decimal equivalent. 20
  
  2. Write an interactive 'C' program to add two matrices A, B of size  $3 \times 3$  and store the sum in matrix C. 20
-