



A-2925

First Year B. Sc. (Computer Sci.) Examination
March / April - 2015
Paper - 2 : Programming in C-1
(New Course)

Time : 2 Hours]

[Total Marks : 50

Instructions :

(1)

नीचे दशांश देव निशानीवाणी विगतो उत्तरवडी पर अवश्य कभवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="text" value="First Year B. Sc. (Computer Sci.)"/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="Paper - 2 : Programming in C-1 (New)"/>	<input type="text"/>
Subject Code No. : <input type="text" value="2"/> <input type="text" value="9"/> <input type="text" value="2"/> <input type="text" value="5"/>	Section No. (1, 2,.....) : <input type="text" value="NIL"/>
Student's Signature	

- (2) Figures to the right indicates full marks of the questions.
(3) Draw neat diagrams wherever necessary.

- 1 Answer the question in short. 14
- (1) Explain any two string function?
 - (2) Differentiate between if and go to statement.
 - (3) Differentiate while loop and do while loop.
 - (4) What is use of break and continue?
 - (5) Write for loop to print leap year between 1900 to 2014.
 - (6) Why c language is known as middle level language.
 - (7) Give example of switch case.

- 2 Write answer for the followings. 6+6
- (A) Write a note on basic data types of 'C'. How can we do implicit and explicit conversion? When it is needed?
 - (B) Write detail note on user defined function giving suitable example.

OR

- (A) Explain call by value and call by reference giving suitable example.
- (B) What is recursion? Write a c program to find out factorial of a number.

3 Write answers for the followings. **6+6**

- (A) Write a detail note on operator. Also explain its precedence?
- (B) What is flow chart? Which are the symbols used for flow chart? Draw the flow chart to find out maximum number from three numbers.

OR

- (A) Write a c program to find out length of inputted string without using strlen() function.
- (B) Write a c program to find out the smallest and highest number from array of index 10.

4 Write answer for the followings. **6+6**

- (A) Explain Switch..case statement with proper example
- (B) Write a program to check whether given number is prime or not

OR

- (A) Discuss token of c language.
- (B) Explain for loop with proper example compare it with while loop.
