

Seat No. : \_\_\_\_\_

**ZE-119**

**May-2014**

**B.Sc., Sem.-II**

**102 : Computer Science (Programming in C)**

**Time : 3 Hours]**

**[Max. Marks : 70**

1. (A) Explain the features of C Programming. **6**  
**OR**  
Explain Flow Chart with its Symbols.
- (B) What is an Algorithms with an example. **6**  
**OR**  
Explain History of C programming and Structure of C Programming ?
- (C) Define the following Terms : **2**  
(1) The C language consist of\_\_\_\_\_number of key words.  
(2) Clrscr()
2. (A) What is data type ? Explain any four data types used in C language. **6**  
**OR**  
Explain type identifiers in C.
- (B) Write a short note on Printf() & Scanf() functions used in C. **6**  
**OR**  
What is operator ? Enlist all operators used in C.
- (C) Answer the following : **2**  
(1) Getch()  
(2) Stdio.h
3. (A) Explain different form of IF statement. **6**  
**OR**  
Explain Switch Case Statement with an example.
- (B) Explain While Statement with an example. **6**  
**OR**  
Explain Do...While Statement with an Example ?
- (C) Do As Directed : **2**  
(1) Math.h  
(2) String.h

4. (A) What is an Array ? Explain syntax of an array with an example. **6**
- OR**
- Explain one dimensional Array with an example.
- (B) Explain two dimensional Array with an example. **6**
- OR**
- Explain For loop Statement with an example.
- (C) Define following terms : **2**
- (1) Strlen()  
(2) Strcpy()
5. (A) State the difference between for loop and while loop. **6**
- OR**
- State the difference between While and While loop.
- (B) Explain Character Array with an example. **6**
- OR**
- Write a short note on strcmp() function.
- (C) Do as directed : **2**
- (1) Main()  
(2) #include
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