

**Lesson-1**  
**(Revision of 11<sup>th</sup> class)**

**1. True/False**

1. There are 91 Characters in C language.
2. Identifiers can be changed.
3. Execution of a function starts with opening brace and end with closing brace?
4. Every instruction ends with (semi colon character) ";" ?
5. With the help of Escape sequence we can control output according to our requirement.

1. Answer- 1 True 2 False 3 True 4 True 5 True

**2. Fill in the Blanks :-**

- 1) \_\_\_\_\_ Contains definition and special instructions.
- 2) Array is \_\_\_\_\_ that is used contain group of same values under one name.
- 3) One pair of square bracket is used for \_\_\_\_\_ array ?
- 4) \_\_\_\_\_ is a group of many networks?
- 5) \_\_\_\_\_ Function is used to read data?

Answer 1. Compiler directives 2. Data structure 3. One  
Dimensional 4. Internet 5. scanf()

**3. Multiple choice questions:-**

- 1) Where C Programming language was developed?  
(a) USA (b) India (c) Canada (d) Australia
- 2) In which year C Programming language was developed?  
(a) 1955 (b) 1978 (c) 1987 (d) 1998
- 3) Who wrote C Programming Language?  
(a) Thomas Edison (b) Alexander Graham Bell  
(c) Dennis Ritchie & Brain Kernighan (d) Charles Babbage
- 4) C Programming language is outcome of which language?  
(a) C++ and BCPL (b) Java and BCPL (c) C++ and Java (d) B and BCPL
- 5) What is the level of C Programming Language?  
(a) Middle Level (b) High Level (c) Low Level (d) None of these

Answers 1.a 2. b 3. c 4. d 5.a

**4. Match the following :-**

	<b>Data Types</b>		<b>Size (In Bits) and Range</b>
1	Char or Signed Char	a	32 Bits and -2147483648 to 2147483647 range
2	Int or Signed int	b	32 Bits and 3.4 e-38 to 3.4 e+38 range
3	Long int or signed long int	c	64 Bits and 1.7e-308 to 1.7e+308 range
4	Double	d	8 Bits and -128 to 127 range

5	Float	e	16 Bits and -32768 to 32767 range
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**Answer :-**

1	Char or Signed Char	d	8 Bits and -128 to 127 range
2	Int or Signed int	e	16 Bits and -32768 to 32767 range
3	Long int or signed long int	a	32 Bits and -2147483648 to 147483647 range
4	Double	c	64 Bits and 1.7e-308 to 1.7e+308 range
5	Float	b	32 Bits and 3.4 e-38 to 3.4 e+38 range

**5. Short answer type questions:-**

1. Which are four basic conditional control statements?
2. Describe three looping statements.
3. Describe four types of Data Types.
4. When we can use For Loop ?
5. Why While statement is called Pre-Test Statement?
6. Explain two types of Arrays.
7. Is Multi-Dimensional arrays are subscript?

**6. Long answer type questions:-**

1. What are Keywords in C Language?
2. What do you mean by *identifiers*?
3. Where main() function is used in C Language ?

**Lesson- 2**  
**(Uses of String Functions)**

**(1) True/False:-**

- 1) A String can be showed through arrays of symbols.
  - 2) A String with symbols can be started as a normal array composition
  - 3) To reverse a string we need to use two maintenance Functions  
strcpy() and strcmp().
  - 4) Strcopy; is used to copy strings.
  - 5) To use String Library Functions we use Header file string.h in our programme.
  - 6) There is difference between 'A' and "A"
  - 7) puts() is used to read whole String.
  - 8) ASCII value of empty symbol '\0' is zero.
- Answers :- (1) True (2) False (3) False (4) False (5) True (6) True (7) False (8) True**

**(2) Fill in the Blanks**

1. \_\_\_ function is used to read a whole string at one time.
2. \_\_\_ function is used to change string to upper case from lower case.
3. \_\_\_ function is used to reverse a string.
4. \_\_\_ function is used to write one symbol at a time.
5. Full name of ASCII is \_\_\_\_\_
6. scanf(), gets(), getchar() are \_\_\_ functions of string data.
7. After reverse a word which word we get is called \_\_\_\_.
8. Empty symbol '\0' denotes \_\_\_ of a string.

**Answers:- (1) gets() (2) strtolwr() 3) strrev() (4) putchar() (5) American Standard Code for Information Interchange (6) Input (7) Palindrome (8) End**

**(3) Multiple choice questions :-**

1. What is the length of empty string '\0'?  
(a) 1 (b) 0 (c) 2 (d) 4
2. Every string should end with \_\_\_ symbol?  
(a) Carriage Return Symbol (b) New Line Symbol  
(c) Empty Symbol (d) Linefeed Symbol
3. Which of the following functions are used to reverse a string?  
(a) Strcpy() (b) strlen() (c) strcmp (d) none of these
4. If we declare char x[10] then what is the length of that string which is represented correctly by X.  
(a) 11 (b) 9 (c) 10 (d) All Of These
5. Which of the following input functions are not used for multiple word strings?  
(a) getch() (b) gets() (c) scanf() (d) none of these
6. Which of the following is correct if we write strcmp(s1,s2). What value it will return?