Class: X

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A. Fill in the blanks:

1. getch()

2. printf()

3. header file

4. scanf()

5. getchar() and putchar()

6. gets()

B. State True or False:

1. False

2. True

3. True

4. True

5. False

6. False

C. Multiple Choice Questions:

1. (a) Standard input/output header file

2. (a) float

3. (b) Output

4. (a) Console input/output header file

5. (a) Format Specification

6. (b) conio.h

D. Answer in one word or sentence:

1. stdio.h

2. header

3. clrscr()

4. &

5. gets()

6. getchar()

7. puts()

E. Answer the following:

1. What do you mean by Input/output functions?

The input function is used to read data from the keyboard and stores it in the memory, that can be formatted in a certain way. The input can be in the form of numbers, text or characters entered through the keyboard.
Output function is used to display the value and the output on the screen. It can display any combination of numeral values, single character and strings.

2. How does the printf() function interpret the contents of the format string?

The printf() function will display the output in the specified format on the screen depends on the string. For example,

Int a=123;

Float b=34.5;

Printf("a value = %d \n b value = %f", a,b);

The format string %d in printf() function, pick up and display the integer value in the specified format on the screen.

The format string %f in printf() function, pick up and display the real value in the specified format on the screen.

3. What is the use of format specification in printf() statement?

Format specifications are the symbols that are used in the printf() control string. Each expression whose value is to be displayed as output, must have a corresponding format specification, which tells the C compiler that how the data should be represented, stored or displayed.

4. Explain the use of scanf() function.

The scanf() function is used to read data from the keyboard and stores it in the memory, that can be formatted in a certain way.

Syntax:

Scanf("format string",list of variables);

5. Explain the use of putchar() function with the help of an example.

The putchar() function is used to writing characters one at a time on the screen. Whatever character is being passed through the getchar() function can be displayed on the screen with the help of putchar().

6. Write the difference between getch() and getche() function.

The getch() function gets a character from the keyboard, but does not echo to the screen.

The getche() function gets a character from the keyboard and it echo the character on the screen.