

Computer Science - ICS Part 2 Computer Science Chapter 10 Short Questions Preparation

Q1. What is format specifier ?

Ans 1: Format Specifier: Format specifier specify the information in which the value of the variable should be displayed on the screen . Format specifiers are specified in the format string.

Example: The following will show about format specifiers.

```
#include <stdio.h>
Void main (void)
{
Float var1, var2, res;
Var1 =24.27
var2 =41.50;
res var1 + var2;
Printf ("%f+%f =%f" ,var1, var2, res);
}
```

Here is the output of the program

24.27+41.5 =65.77

Q2. Write down output of the following piece of code.

```
Printf( "\n**\n***");
```

Ans 1: Output:

```
*
**
***
```

Q3. Trace the output.

```
Void main () {
Int a, b, n;
N =400;
A = n % 100;
B = n/ 10;
N = n % 10;
Printf ("%d\n",a);
Printf ("%d\n",b);
Printf ("%d\n",n);
Getch( );}
```

Ans 1: Output:

```
a = 4
b = 40
n =40
```

Q4. Give single print statement to print the following message 'I Love Pakistan'.

Ans 1: Single Print Statement:

```
printf("\nI Love \n Pakistan");
```

Q5. Write down output of the following.

```
Float f = 3.14159;  
Printf ("f %4.f",f);
```

Ans 1: Output:
F = 3.14

Q6. Trace the errors in the following programs.

```
Include<stdio.h>  
Mian()  
{  
int a = 10;  
printf("%d",a);  
}
```

Ans 1: Errors:

- 1st errors is # sign is not present with include.
 - 2nd error is capital S cannot be used is stdio.h library.
-

Q7. Predict the output of the following code.

```
Printf ("\n**\n***\n****\n");
```

Ans 1: Output:
**

Q8. Trace the errors from the following.

```
Void main ( );  
{ float l = 15.6;  
printf (" %d",i);  
}
```

Ans 1: Errors:

- Errors is terminator sign has not been used with Main starting.
-

Q9. Trace output :

```
Int a =512;  
Printf ("a+= %5d",a);  
Printf ("a =%1d",a);
```

Ans 1: Output:
a= 512
a=512

Q10. Find the Output of the following code.

```
#include <stdio.h>  
Void main ()
```

```
{  
int x =10, y= 20, z = 30;  
x= x+y;  
y =y+z;  
z= x-y;  
printf("result =%d%d%d",x,y,z);
```

Ans 1: Output :
Result = 30 50 -20
