

## Computer Science - ICS Part 2 Computer Science Chapter 11 Short Questions Preparation

Q1. Find error from the following .

```
Int y;z;  
If(y = = z)  
Printf ("yes")
```

**Ans 1:** Error :

- 1st error is method to declare variable is wrong
- 2nd error is terminator has not been used in printf statement

Q2. Type the error.Void main ( ){Int a, bA = -10B =40If (a <0); b= sqrt (a);Printf ("Result =%f,b);Getch ();}

**Ans 1:** Errors:1st erro is ;semicolon had not been used after various statement to terminates them.2nd error is we cannot take sqrt of a because it is less than 0.

Q3. Trace the error in the following code.Void main (void);{Int x, y,zIf (x> y);Printf ("Xis largest");ElsePrintf("Y is largest")Getch( );}

**Ans 1:** Errors:1st error is there must not be ; semicolon after Main starting.2nd error is ;semicolon is missing in different statement.

Q4. Find Error.

```
Int price= 10  
If (price! =10)  
price=0
```

**Ans 1:**

- Error is terminator is necessary for terminate the statement but has not been used in this program.

Q5. Why a default level is used in switch statement?

**Ans 1:** Default label in Switch Statement :A default label may be used to provide code to be executed if none of the case label is matched.However the place of default label is not fixed. It may be placed before the first case statement or after the last case

Q6. Trace out the errors in the following code.

```
Void main ( )  
{  
Int R ;  
R= 17;  
If (R>0)  
{  
R= R*3.14*3.14;
```

```
};  
PRINTF ("THE VALUE OF ARE IS =%F",R);  
Getch ( );  
}
```

**Ans 1:** Error:

- 1st error is variable r has not been defined.
- 2nd error is : semicolon has been used after closing brackets of if statement which is not allowed.

Q7. Define nested -if statement.

**Ans 1:** Nested if statement means an if statement inside another if statement. Nesting can be done up to any level. The programmer may use as many if statement inside another if statement as (s) he wants. However, the increase in the level of nesting also increases the complexity of the 'nested if statement. The general form of nested if statement is as follows: if (condition){ if (condition){ block of inner if}}

Q8. Trace Error :

```
Void main ( )  
{  
Int a =2 ;  
If (a ==1)  
Printf ("ok");  
Else  
Printf ( "cancel");  
Getch( );
```

**Ans 1:** Error:

- Error is there must be brackets for If statements body.

Q9. Trace the error in the following code.

```
Void main ( )  
{  
Int x = 0  
If (x = 1 )  
Printf ("hello");  
Else  
Printf ("bye")  
}
```

**Ans 1:** Error is ;semicolon has not been used after the condition of else statement

Q10. Trace the error.

```
Int a ; b= 5  
If (a<b)  
Printf ("\nA is less than b");
```

**Ans 1:** Error:

- 1st error is wrong method has be used to declare variables.
- 2nd error is terminator sign has not been use in statement where variables are being defined.

