



COMPUTER PARALLEL PREP

PRE-ENGINEERING

CHAPTER – 11 (2ND YEAR)

- Q.1** Predict the output for the following code segment:
- ```
int a,b,c;
a=10;
b=3;
if(a%b==1)
c=0;
else
c=1;
printf("%d",c);
```
- (a) 0 (b) 1  
(c) 2 (d) 4
- Q.2** Which of the following is a decision-making statement?
- (a) Goto (b) if  
(c) Continue (d) Loop
- Q.3** Which value of expression of switch statement compare to each Label?
- (a) Case (b) Break  
(c) Default (d) exit
- Q.4** Which keyword is used to specify two different choices with if statement?
- (a) goto (b) Next  
(c) Label (d) else
- Q.5** Write down the output of the following code:
- ```
void main()
{
int p=17;
if (p>0)
{
p=p*3.14*3.14;
}
printf("The value of p is=%d", p);
}
```
- (a) The value of p is 49 (b) The value of p is 167
(c) The value of P is 149 (d) The value of P is 17
- Q.6** How many operands are required in conditional operators?
- (a) One (b) Two
(c) Three (d) Four
- Q.7** Which keyword is not used in switch statement?
- (a) if (b) break
(c) case (d) default
- Q.8** Which statement can be used to select one of many alternatives?
- (a) if (b) Loop
(c) Switch (d) Label
- Q.9** The value of expression in switch statement must be:
- (a) int – float (b) integer – character
(c) float – Double (d) Float – integer



Q.10 What will be output of the following?

```
int x=5, y=10;
if(x>y)
y=2;
y=y+1;
printf("value of y=%d", y);
```

- (a) value of y=10 (b) value =11
(c) value of y=11 (d) value of y=d=11

Q.11 Which of the following statement is the simplest form of decision structure?

- (a) switch (b) if statement
(c) while loop (d) nested if

Q.12 Trace the number of error in the following code:

```
if(3!=10)
printf[ "WELCOME"];
else
printf{ " KIPS"};
```

- (a) 3 (b) 4
(c) 5 (d) 7

Q.13 The expression of conditional operator may be:

- (a) Relational Expression (b) Logical Expression
(c) Arithmetic Expression (d) All of these

Q.14 Which of the following is not a control structure?

- (a) Loop (b) Sequence
(c) Array (d) Selection

Q.15 Trace output of the following program.

```
int a=4, b=2, c=5;
if(a>b)
a=5;
if(c==a)
a=6;
else
a=7;
printf("%d",a);
```

- (a) 6 (b) 3
(c) 4 (d) 9

Q.16 What will be the output of the following code?

```
int n=1,m=2;
if(n==m)
printf("%d", n);
else
{
If(n==m-1)
printf("%d%d", n,m);
}
```

- (a) 1 2 (b) 2 1
(c) 1 1 (d) 2 2

Q.17 Which statement means an if statement inside another if statement?

- (a) Nested if (b) Nested loop
(c) Outer if (d) Sentinel loop



Q.18 Find the output of the following code:

```
void main ()
{
    char grade = 'c';
    if (grade == 'a' || grade == 'b' && grade == 'c')
        printf("Fail");
    else
        printf("Pass");
}
```

- (a) Fail
- (b) Pass
- (c) Fail Pass
- (d) Compile time error

Q.19 Find the output of the following code:

```
x=7;
y=7;
(x>y)?y++:y--;
printf("Value of Y=%d", y);
```

- (a) Value of Y= 6
- (b) Value of y=7
- (c) Value of Y =0
- (d) Compiler error

Q.20 Trace the error:

```
int x=6
int y= 9
if(x<y)
x++;
```

- (a) Statement missing error
- (b) Cancellation error
- (c) Runtime error
- (d) Logical error

Q.21 Trace the final output of the following code where the marks=50:

```
void main()
{
    int marks;
    printf("\n enter your marks");
    scanf("%d", &marks);
    if (marks>=40)
        printf("Congratulation");
    else
        printf("Sorry you are fail");
}
```

- (a) Sorry you are fail
- (b) Congratulation
- (c) Compile time error
- (d) Run time error

Q.22 Basic selection statements is/are:

- (a) For loop
- (b) If else
- (c) While loop
- (d) Do-while loop



Q.23 Which of the following is a two-way decision-making statement?

- (a) switch
- (b) if-else
- (c) if
- (d) if-else-if

Q.24 Conditional operator is also called:

- (a) Binary operator
- (b) Unary operator
- (c) Increment operator
- (d) Ternary operator

Q.25 What will be the output of following code?

```
int a=1, b=6;
if(a+b<7)
printf("%d",a);
else
```

```
printf("%d",b);
```

- (a) 2
- (b) 6
- (c) 5
- (d) 7

Q.26 In switch statement the case block ends with:

- (a) End select
- (b) End Case
- (c) Case Else
- (d) Break

Q.27 Which operator in C is called ternary operator?

- (a) >>
- (b) + +
- (c) ?
- (d) - -

Q.28 Find the output:

```
void main()
{
    int a=2;
    if ( a=1 )
        printf("OK");
    else
        printf("cancel");
    getch();
}
```

- (a) OK
- (b) Cancel
- (c) ok
- (d) cancel

Q.29 Trace the number of errors:

```
void main();
{
    int x=0
    if(x=1)
    printf("'Hello);
    else
    printf("Bye");
}
```

- (a) 1
- (b) 2
- (c) 3
- (d) 4

Q.30 Which operator are used to make compound condition?

- (a) Arithmetic operator
- (b) Logical operator
- (c) Assignment operator
- (d) Conditional operator