

(Decision Control Statement)

Q1. Write a C program to find largest of three numbers using nested if-else.

Q2. Write a C Program to find largest of two numbers using switch case.

Q3. Write a program to calculate age of a person based on his given date of birth.

Q4. The output of the code below is (When 1 is entered).

```
#include <stdio.h>
void main()
{
    char ch;
    printf("enter a value btw 1 to 3:");
    scanf("%c", &ch);
    switch ( ch )
    {
        case "1":
            printf("1");
            break;
        case "2":
            printf("2");
            break;
    }
}
```

What will be the output of the following program? (Q5-10)

Q5. #include <stdio.h>

```
void main()
{
    int x = 5;
    if (x > 1)
        printf("hello");
    else if (x == 5)
        printf("hi");
    else
        printf("no");
}
```

Q6 #include <stdio.h>

```
void main()
{
    int x = 5;
    if (x < 1);
        printf("Hello"); }
```

Q7. #include<stdio.h>

```
main()
{
    int a = 2, b = 4, c = 8, x = 4;
    if ( x == b) x = a; else x = b;
    if( x != b) c = c + b; else c = c + a;
    printf("c = %d\n",c);
}
```

Q8. #include<stdio.h>

```
int main()
{
    int a = 5;
```

```

switch( a )
{
case 1:
printf("First");
case 2:
printf("Second");
case 3 + 2:
printf("Third");
case 5:
printf("Final");
break;
}
return 0;
}
Q9. #include<stdio.h>
main()
{
unsigned short int x = -10; int y = 10;
if ( y <= x)
printf( "He is good\n");
if ( y == ( x = -10))
printf( "She is better\n");
if (( int) x == y)
printf("it is the best\n");
}
Q10. What will be the output of following program?
#include <stdio.h>
int main()
{ int a = 4;
switch (a) {
default:
printf("DEFAULT");
case 1:
printf("ONE");
case 2:
printf("TWO");
case 3:
printf("THREE");
}
}

```