**2 MARKS MCQ**

1. What will be the output of the following C code?

#include <stdio.h>

void main()

{

int x = 5;

if (x < 1)

{

printf("hello");

}

if (x == 5)

{

printf("hi");

}

else

{

printf("no");

}

}

1. hi
2. hello
3. no
4. error
5. What will be the output of the following C code?

#include <stdio.h>

void main()

{

int x = 5;

if (x);

printf("hello");

}

1. It will display hello
2. It will throw an error
3. Nothing will be displayed
4. Compiler dependent
5. What will be the output of the following C code?

#include <stdio.h>

void main()

{

int x = 0;

if (x == 0)

printf("hi");

else

printf("how are u");

printf("hello");

}

1. Hi
2. how are you
3. hello
4. hihello
5. What will be the output of the following C code?

#include <stdio.h>

void main()

{

int x = 5;

if (true);

printf("hello");

}

1. It will display hello
2. It will throw an error
3. Nothing will be displayed
4. Compiler dependent
5. What will be the output of the following C code?

#include <stdio.h>

void main()

{

int x = 5;

if (x < 1);

printf("Hello");

}

1. Nothing
2. Run time error
3. Hello
4. Varies
5. What will be the output of the following C code? (Assuming that we have entered the value 1 in the standard input)

#include <stdio.h>

void main()

{

double ch;

printf("enter a value between 1 to 2:");

scanf("%lf", &ch);

switch (ch)

{

case 1:

printf("1");

break;

case 2:

printf("2");

break;

}

}

1. Compile time error
2. 1
3. 2
4. Varies
5. What will be the output of the following C code? (Assuming that we have entered the value 1 in the standard input)

#include <stdio.h>

void main()

{

char \*ch;

printf("enter a value between 1 to 3:");

scanf("%s", ch);

switch (ch)

{

case "1":

printf("1");

break;

case "2":

printf("2");

break;

}

}

1. 1
2. 2
3. Compile time error
4. No Compile time error
5. What will be the output of the following C code? (Assuming that we have entered the value 1 in the standard input)

#include <stdio.h>

void main()

{

int ch;

printf("enter a value between 1 to 2:");

scanf("%d", &ch);

switch (ch)

{

case 1:

printf("1\n");

default:

printf("2\n");

}

}

1. 1
2. 2
3. 1 2
4. Run time error
5. What will be the output of the following C code? (Assuming that we have entered the value 1 in the standard input)

#include <stdio.h>

void main()

{

int ch;

printf("enter a value between 1 to 2:");

scanf("%d", &ch);

switch (ch, ch + 1)

{

case 1:

printf("1\n");

break;

case 2:

printf("2");

break;

}

}

1. 1
2. 2
3. 3
4. Run time error
5. what will be the output of the following C code?

#include<stdio.h>

int main()

{

signed char chr;

chr = 128;

printf("%d\n",chr);

return 0;

}

1. 128
2. -128
3. Depends on the compiler
4. None of the mentioned

MCQ – ST1(SET - 2)

Questions 1- 10 are of level easy and 11 – 15 are intermediate.

**Q1. In which numbering system can the binary number *1011011111000101* be easily converted to?**

1. Decimal system
2. Hexadecimal system
3. Octal system
4. No need to convert

**Q2. Choose correct representation of Decimal number in Binary:**

1)

0 0000

1 0001

2 0010

3 0011

4 0100

2)

5 0101

6 0110

7 0111

8 1000

9 1001

3)

10 1010 A

11 1011 B

12 1100 C

13 1101 D

14 1110 E

15 1111 F

4) All the above

**Q3. Which of the following are not standard header files in C?**

1) stdio.h

2) stdlib.h

3) stdio.h

4) None of the above

**Q4. What is the operator used to make 1's / One's compliment ?**

1) & Bitwise AND Operator

2) | Bitwise OR operator

3) ~ Bitwise Negate Operator

4) ^ Bitwise Exclusive OR

**Q5. What is the result of 0110 & 1100 ?**

1) 1000

2) 0100

3) 0001

4) 1010

**Q6. What is the output of Bitwise OR operation | on (0110 | 1100) ?**

1) 1110

2) 1100

3) 1000

4) 1010

**Q7. What is the output of Exclusive OR ^ operator on 0110^1000 ?**

1) 1000

2) 1110

3) 0011

4) 0001

**Q8. What is the range of values that can be stored by int datatype in C?**

1) –(2^31) to (2^31) - 1

2) -256 to 255

3) 0 to (2^31) - 1

4) –(2^31) to (2^31)

**Q9. How are String represented in memory in C?**

1. An array of characters.
2. Same as other primitive data types.
3. The object of some class.
4. LinkedList of characters.

**Q10. What is the size of int data type (in bytes) in C?**

1) 8

2) 4

3) 1

4) 16

**Q11. What will be the output of the following code:**

**int a = 3;**

**int res = a++ + ++a + a++ + ++a;**

printf("%d", res);

1) 24

2) 12

3) 20

4) 18

**Q12. What will be the output of the following code:**

**int a = -10 ;**

**printf( "%d", a >> 4 );**

1) -5

2) -3

3) -2

**Q13. What will be the output of the following code?**

**int first = 10, second = 20;**

**int third = first + second;**

**{**

**int third = second - first;**

**printf("%d ", third);**

**}**

**printf("%d", third);**

1) 20 10

2) 30 10

3) 10 30

4)10 20

**Q14. What will be the output of the following code?**

**{**

**printf("%d %d", (023), (23));**

**}**

1) 023 23

2) 23 23

3) 19 23

4) 23 19

**Q15. What will be the output of the following code?**

**{**

**printf("%d %d %d", (076), (28), (0x87));**

**}**

1) 76 28 87

2) 62 28 135

3) 076 28 0x87

4) 0 0 0