1. For 16-bit compiler allowable range for integer constants is \_\_\_\_\_\_?
   1. -3.4e38 to 3.4e38
   2. -32767 to 32768
   3. -32768 to 32767
   4. -32668 to 32667
2. The statement printf ("%d", 10? 0? 5: 1: 12); will print?
3. 10
4. 0
5. 12
6. 1
7. Predict the output of following program?

void main()

{

int a=10,b=20;

char x=1,y=0;

if(a, b, x, y)

{

printf("EXAM");

}

}

What is the output?

1. XAM is printed
2. exam is printed
3. Compiler Error
4. Nothing is printed
5. What will be the value of `a` after the following code is executed

#define square(x) x\*x

a = square(2+3)

1. 25
2. 13
3. 11
4. 10
5. Predict the output of following program?

void main()

{

int a,b;

a=1, 3, 15;

b= (2, 4, 6);

printf("%d ",a+b);

}

1. 3
2. 21
3. 17
4. 7
5. Compiler error
6. Predict the output of following program?

void main()

{

if(printf("cquestion"))

printf("I know c");

else

printf("I know c++");

}

1. I know c
2. I know c++
3. cquestionI know c
4. cquestionI know c++
5. continue statement is used
6. to go to the next iteration in a loop
7. come out of a loop
8. exit and return to the main function
9. restarts iterations from beginning of loop.
10. Predict the output of following program?

#include<stdio.h>

int main(){

int a;

a=015 + 0x71 +5;

printf("%d",a);

return 0;

}

1. 130
2. 256
3. 131
4. 132
5. Predict the output of following program?

#include<stdio.h>

int main(){

int a=2;

a=a++ + ~++a;

printf("%d",a);

return 0;

}

1. 0
2. -1
3. 1
4. 2
5. Predict the output of following program?

#include<stdio.h>

int main(){

int i=5;

int a=++i + ++i + ++i;

printf("%d",a);

return 0;

}

1. 21
2. 15
3. 24
4. 18
5. Predict the output of following program?

#include "stdio.h"

int main()

{

char arr[10];

printf("%d", scanf("%s", arr));

/\* Suppose that input value given for above scanf is "JIET" \*/

return 1;

}

1. 9
2. 1
3. 10
4. 100
5. What does the following C statement mean?

scanf("%4s", str);

Run on IDE and find the output

1. Read exactly 4 characters from console.
2. Read maximum 4 characters from console.
3. Read a string str in multiples of 4
4. Nothing
5. Find Output of following program?

#include<stdio.h>

int main()

{

printf("%d", printf("%d", 1234));

return 0;

}

1. 12344
2. 12341
3. 11234
4. 41234
5. What is the return type of getchar()?
6. int
7. char
8. unsigned char
9. float
10. Predict the output of following program?

#include <stdio.h>

int main()

{

int i = 3;

printf("%d", (++i)++);

return 0;

}

What is the output of the above program?

1. 3
2. 4
3. 5
4. Compile-time error
5. Predict the output of following program?

#include <stdio.h>

int main()

{

//Assume sizeof character is 1 byte and sizeof integer is 4 bytes

printf("%d", sizeof(printf("JIET UNIVESE")));

return 0;

}

1. JIET UNIVESE12
2. JIET UNIVESE4
3. 4
4. Compile-time error
5. Predict the output of the below program:

#include <stdio.h>

int main()

{

int a = 1;

int b = 1;

int c = a || --b;

int d = a-- && --b;

printf("a = %d, b = %d, c = %d, d = %d", a, b, c, d);

return 0;

}

1. a = 0, b = 1, c = 1, d = 0
2. a = 0, b = 0, c = 1, d = 0
3. a = 1, b = 1, c = 1, d = 1
4. a = 0, b = 0, c = 0, d = 0
5. Predict the output of the below program:

#include <stdio.h>

int main()

{

printf("%d", 1 << 2 + 3 << 4);

return 0;

}

1. 112
2. 52
3. 512
4. 0
5. Predict the output of following program?

#include<stdio.h>

int main()

{

int a = 2,b = 5;

a = a^b;

b = b^a;

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

return 0;

}

1. 5 2
2. 2 5
3. 7 7
4. 7 2
5. Predict the output of following program?

# include <stdio.h>

int main()

{

int x = 10;

int y = 20;

x += y += 10;

printf (" %d %d", x, y);

return 0;

}

1. 40 20
2. 40 30
3. 30 30
4. 30 40
5. Predict the output of following program?

#include <stdio.h>

int main()

{

int x = 10;

int y = (x++, x++, x++);

printf("%d %dn", x, y);

return 0;

}

1. 13 12
2. 13 13
3. 10 10
4. Compiler Dependent
5. Predict the output of following program?

#include <stdio.h>

int main()

{

int y = 0;

int x = (~y == 1);

printf("%d", x);

return 0;

}

1. 0
2. 1
3. negative Number
4. Compiler Error
5. Predict the output of following program?

#include<stdio.h>

int main(){

int i,j,k;

for(i=0,j=2,k=1;i<=4;i++){

printf("%d ",i+j+k);

}

return 0;

}

1. 3 4 5 6 7
2. 3 5 7 9 10
3. 3 5 6 7
4. 3 4 5 6 7 8
5. Predict the output of following program?

void main(){

int i,j=2;

for(i=0;i<=5,j>=0;i++){

printf("%d ",i+j);

j--;

}

1. 2 2 2
2. 1 1 1
3. 3 3 3
4. 1 2 3
5. Predict the output of following program?

#include<stdio.h>

int main(){

int i,j,k;

for(i=0,j=0,k=0;i<=5,j<=4,k<=3;i++,++j,k+=2)

printf("%d ",i+j+k);

}

1. 0 4
2. 0 3
3. 0 2
4. 0 5
5. What will be output when you will execute following c code?

#include<stdio.h>

void main(){

switch(5||2|1){

case 3&2:printf("C");

break;

case -~11:printf("C++");

break;

case 6-3<<2:printf("JAVA");

break;

case 5>=5:printf("C#");

}

}

1. C
2. JAVA
3. C++
4. Compilation error
5. What will be output when you will execute following c code?

#include<stdio.h>

void main(){

switch(6){

case 6.0f:printf("C");

break;

case 6.0: printf("C++");

break;

case 6.0L:printf("JAVA");

break;

default: printf(“C#");

}

}

1. C
2. C++
3. JAVA
4. Compilation error
5. What will be output when you will execute following c code?

#include<stdio.h>

void main(){

switch(5/2\*6+3.0){

case 3:printf("C ");

break;

case 15:printf("C++");

break;

case 0:printf("JAVA");

break;

default:printf("C#");

}

}

1. C
2. C++
3. JAVA
4. Compilation error
5. #include<stdio.h>

int main()

{

char c = 125;

c = c+10;

printf("%d", c);

return 0;

}

1. 135
2. +INF
3. -121
4. -8
5. #include <stdio.h>

int main()

{

if (sizeof(int) > -1)

printf("Yes");

else

printf("No");

return 0;

}

1. Yes
2. No
3. Compiler Error
4. Runtime Error