1. Which of the following is not a valid variable name declaration?

a) int \_a3; b) int a\_3;

c) int 3\_a; d) int \_3a;

2. What is the size of an int data type?

a) 4 Bytes b) 8 Bytes

c) 2 Bytes d) 10 Bytes

3. Which is correct with respect to the size of the data types?

a) char > int > float b) int > char > float

c) char < int < double d) double>char>int

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

#include <stdio.h>

int main()

{

int a = 1, b = 1, c;

c = a++ + b;

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

}

a) a = 1, b = 1 b) a = 2, b = 1

c) a = 1, b = 2 d) a = 2, b = 2

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

int main()

{

int i = 2;

int j = ++i + i;

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

}

a) 6 b) 5

c) 4 d) Compile time error

6. Which of the following is not an arithmetic operation?

a) a \*= 10; b) a /= 10;

c) a != 10; d) a %= 10;

7. Which among the following are the fundamental arithmetic operators, i.e, performing the desired operation can be done using that operator only?

a) +, – b) +, -, %

c) +, -, \*, / d) +, -, \*, /, %

8.Which of the following is an invalid if-else statement?

a) if (if (a == 1)){} b) if (func1 (a)){}

c) if (a){} d) if ((char) a){}

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

int main()

{

int x = 1;

if (x > 0)

printf("inside if\n");

else if (x > 0)

printf("inside elseif\n");

}

a) inside if b) inside elseif

c) inside if inside else if d) error

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

void main()

{

int x = 0;

if (x == 0)

printf("hi");

else

printf("how are u");

printf("hello"); }

a) hi b) how are you

c) hello d) hihello

11. The C code ‘for(;;)’ represents an infinite loop. It can be terminated by -

a) break b) exit(0)

c) abort() d) terminate

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

void main()

{

int k = 0;

for (k < 3; k++)

printf("Hello");

}

a) Compile time error b) Hello Hello Hello

c) Nothing d) Varies

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

int main()

{

int i = 0;

for (; ; ;)

printf("In for loop\n");

printf("After loop\n");

}

a) Compile time error b) Infinite loop

c) After loop d) Undefined behavior

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

void main()

{

double k = 0;

for (k = 0.0; k < 3.0; k++)

printf("Hello");

}

a) Run time error

b) Hello is printed thrice

c) Hello is printed twice

d) Hello is printed infinitely

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

int main()

{

int ary[2][3];

ary[][] = {{1, 2, 3}, {4, 5, 6}};

printf("%d\n", ary[1][0]);

}

a) Compile time error b) 4

c) 1 d) 2

16. What are the elements present in the array of the following C code?

int array[5] = {5};

a) 5, 5, 5, 5, 5

b) 5, 0, 0, 0, 0

c) 5, (garbage), (garbage), (garbage), (garbage)

d) (garbage), (garbage), (garbage), (garbage), 5

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

void main()

{

int a[2][3] = {1, 2, 3, , 4, 5};

int i = 0, j = 0;

for (i = 0; i < 2; i++)

for (j = 0; j < 3; j++)

printf("%d", a[i][j]);

}

a) 1 2 3 junk 4 5 b) error

c) 1 2 3 0 4 5 d) 1 2 3 3 4 5

18. What is the result of a logical or relational expression in C?

a) True or False b) 0 or 1

c) 0 and 1 d) None

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

void main()

{

int a = 5 \* 3 + 2 - 4;

printf("%d", a);

}

a) 13 b) 14

c) 12 d) 16

20. Which among the following is NOT a logical or relational operator?

a) != b) ==

c) || d) =