

University B.T. & Evening College

CLASS - B.Sc. 2nd Sem
Sub – Computer Science (Ge)

Time:

Full Marks: 50

Name:-

College Roll No.:-..... Regn No.:-.....

Date:-.....

Mark obtained:-.....

ASSIGNMENT- 1

TOPIC: C PROGRAMMING

Attempt all questions. All questions carry equal marks.

1*50=50

1. Literal means.....

- a) A string
- b) A string constant
- c) A character
- d) An alphabet

2. int a=5

What is the output?

- a) Syntax error
- b) Runtime error
- c) 5
- d) Logical error

3. What is the output of the following program fragment is.....

```
int x=5;
```

```
y=x++;
```

```
printf(“%d %d”,x,y);
```

- a) 5,6
- b) 5,5
- c) 6,5
- d) 6,6

4. What is the output of the following program fragment is.....

```
int i=4, j=3, k=0;

k=++i - --j + i++ - --j + j++ ;

printf(“%d %d %d”,i,j,k);
```

- a) 7,2,8
- b) 5,2,10
- c) 6,2,8
- d) 4,2,8

5. What is the output of the following program fragment is.....

```
int i;

i=1;

i=2;

i=3;

printf(“%d %d %d”,i,i,i);
```

- a) 1,2,3
- b) 1,1,1
- c) 2,2,2
- d) 3,3,3

6. What is the value of the arithmetic expression (written in C): $2*3/4-3/4*2=?$

- a) 0
- b) 1
- c) 1.5
- d) None of these

7. What is the output of the following program fragment is.....

```
int a=5, b=9;

float y=b/a;

printf(“%f”,y);
```

- a) 1.8
- b) 1.0
- c) 2.0
- d) 0.0

8. Example of an interpreter:.....?

- a) C
- b) C++
- c) Cobol
- d) Python

9.is the operator which represents bitwise exclusive OR ?

- a) ^
- b) &
- c) |
- d) &&

10.is the operator which represents bitwise logical OR ?

- a) ^
- b) &
- c) |
- d) &&

11. The function is used to clear the monitor screen.....

- a) clrscr
- b) printf
- c) getch
- d) scanf

12. The function is used to read values of variables

- a) clrscr
- b) printf
- c) getch
- d) scanf

13. The format %x is represents an/a.....

- a) unsigned hexadecimal value
- b) signed hexadecimal value
- c) unsigned octal value
- d) signed octal value

14. Example of Escape sequences:.....

- a) \a
- b) \b
- c> \\
- d) All the above

15. An example of Entry controlled loop:.....

- a) For loop
- b) While loop
- c) Do while
- d) Both a and b

16. An example of Exit controlled loop:.....

- a) For loop
- b) While loop
- c) Do while
- d) Both a and b

17. C is a.....language.

- a) procedural
- b) object-oriented
- c) both a and b
- d) none of these

18. sqrt() is defined in.....

- a) stdio.h
- b) conio.h
- c) math.h
- d) stlib.h

19. The return type of the function main by default is.....

- a) void
- b) integer
- c) character
- d) real

20. Conditional operator is a.....operator.

- a) unary
- b) binary
- c) ternary
- d) logical

21. Which of the following is not a relational operator?

- a) >
- b) <
- c) =
- d) !=

22. Exit from the loop with the help of.....statement.

- a) break
- b) continue
- c) goto
- d) for

23.is preprocessed.

- a) macro
- b) function
- c) array
- d) recursion

24. The function calls the function itself with the help of.....

- a) iteration
- b) recursion
- c) both a and b
- d) none of these

25. Which of the following is an assignment operator?

- a) >
- b) <
- c) +=
- d) !=

26. Which one of the following declaration is invalid.

- a) int 2A
- b) int A2A
- c) int A2
- d) int AA2

27. What is the output of the following program fragment is.....

```
int x=10;
if(10)
printf(“%d ”,x++);
else
printf(“%d ”,++x);
```

- a) 9
- b) 10
- c) 11
- d) 12

28. Member of a union uses.....

- a) Different storage location
- b) No storage location
- c) Same storage location
- d) none of these

29. What is the range of unsigned short int?

- a) 0 to 65535
- b) 0 to 255
- c) -128 to 127
- d) none of these

30. What is the output of the following program fragment i and m after executing the following code.....

```
int i=1,m;  
m=i++;
```

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

31. What is the output of the following program fragment is.....

```
int x=5,y;  
y=sizeof(x);  
printf("%d ",y);
```

- a) 5
- b) 2
- c) 4
- d) 8

32. What is the range of 16 bit compiler allowable range for integer constants is.....?

- a) 0 to 65535
- b) -32768 to 32767
- c) -3.4e38 to 3.4e38
- d) none of these

33. What is the output of the following program fragment is.....

```
int i=1;  
while(i++<=5);  
printf("%d ",i++);
```

- a) 6
- b) 4
- c) 2 6
- d) None of these

34. What is the output of the following program fragment is.....

```
int i=1;
while(i++<=5)
printf(“%d ”,i++);
```

- a) 6
- b) 4
- c) 2 6
- d) 2 4

35. What is the output of the following program fragment is.....

```
register int x=5,*p;
p=&x;
x++;
printf(“%d ”,*p);
```

- a) 6
- b) 5
- c) Garbage value
- d) Compiler error

36. What is the output of the following program fragment strlen(a).....

```
char a[50]=”computer”
int y=strlen(a);
```

- a) 9
- b) 10
- c) 8
- d) 14

37. What is the output of the following program fragment is.....

```
int x=5;
y=x++;
printf(“%d”,x);
```

- a) 5
- b) 6
- c) 7
- d) 4

38. What is the output of the following program fragment is.....

```
int i=2;
switch(i)
{
case 1: printf(“A”);
case 2: printf(“B”);
default: printf(“sorry”);
}
```

- a) A
- b) B
- c) Sorry
- d) B Sorry

39. What is the output of the following program fragment is.....

```
int i=2;
switch(i)
{
case 1: printf(“A”); break;
case 2: printf(“B”); break;
default: printf(“sorry”); break;
}
```

- a) A
- b) B
- c) Sorry
- d) B Sorry

40. What is the output of the following program fragment is.....

```
int i=1;
switch(i)
{
case 1: printf("A");
case 2: printf("B");
default: printf("sorry");
}
```

- a) A
- b) B
- c) Sorry
- d) A B Sorry

41. C programs are converted into machine language with the help of.....

- a) editor
- b) compiler
- c) operating system
- d) none of these

42. 0 1 1 2 3 5 8 13.....the name given series.

- a) Sum series
- b) Fibonacci series
- c) G.P series
- d) none of these

43. The function getch() in C program language is a library function and belongs to "conio.h" header file

- a) true
- b) depends on compiler
- c) false
- d) none of these

44. Example of high level programming language.....

- a) java
- b) c
- c) html
- d) .net

45. RAM is a part of.....
- a) memory
 - b) control unit
 - c) both a and b
 - d) none of these
46. ALU is a part of.....
- a) memory
 - b) control unit
 - c) cpu
 - d) input device
47. The number which remains the same on reversal is said to be.....
- a) strong
 - b) armstrong
 - c) palindrome
 - d) None of these
48. The full form of VIRUS.....
- a) Vital Information Resource Under Seize
 - b) Very Information Resource Under Seize
 - c) Vital Important Resource Under Seize
 - d) None of these
49. C program run with help of.....
- a) Ctrl+F9
 - b) Alt+F9
 - c) Alt+F5
 - d) None of these
50. What is the output assuming int i=3 , printf(“%d %d %d “,i ,++i, i++);
- a) 5 5 3
 - b) 3 4 4
 - c) 3 4 5
 - d) None of these