

WALCHAND COLLEGE OF ENGINEERING, SANGLI

**ELESA**

**ELECTRONICS ENGINEERING STUDENTS’ ASSOCIATION**

e-Yantra Practice Test-1

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Name:

Class:

1. int main()

{

int n1 = 10;

const int n2 = 50;

int\* const ptr = &n1;

n1 = 30;

//ptr = &n1;

cout << \*ptr << endl;

system("pause");

}

Ans:30

2. int main()

{

int x = 20, y = 35;

printf("%d %d %d %d %d\n", x++, ++x, ++x, x++, ++x);

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

system("pause");

}

Ans: 24 25 25 21 25

25

3. int main()

{

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

int i, \*ptr;

ptr = gyan;

for (i = 0; i <= 4; i++)

{

printf("\n %d", ++(\*ptr));

}

system("pause");

}

Ans: 2 3 4 5 6

4. int main()

{

int i,j;

i = 10;

j = 55;

printf("%d\t", j,j++, j++);

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

system("pause");

}

Ans: 57 11

5. int a;

int main(){

printf("\na=%d", a);

system("pause");

return 0;

}

Ans 0

6. int main(void)

{

int a = 1, 2, 3;

printf("%d", a);

system("pause");

return 0;

}

7. int main(void)

{

int a;

a = 1, 2, 3;

printf("%d", a);

system("pause");

return 0;

}

8. int main(void)

{

int a;

a = (1, 2, 3);

printf("%d", a);

system("pause");

return 0;

}

9. void main()

{

double a = 45.6;

printf("%f\n", a);

printf("%d\n", 5);

printf("%d\n", 5.0);

printf("%d\n", 5.55);

system("pause");

}

10. void fun(int \_){

printf("%d", \_);

}

int main(){

fun(23);

system("pause");

return 0;

}

11. void main(){

int a;

float f;

a = 12 / 5;

f = 12 / 5;

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

system("pause");

}

Ans: 2 2.000000

12.

int main()

{

printf("%d", -10%3);

system("pause");

return 0;

}

13. #define x 3+3

Int main()

{

Printf(“%d”,x\*x\*x);

Return 0;

}

14. #include<stdio.h>

int main()

{

   int n;

   for(n = 7; n!=0; n--)

     printf("n = %d", n--);

   getchar();

   return 0;

}

Ans: Infinite loop

15. int main()

{

    static int i=5;

    if(--i){

        main();

        printf("%d ",i);

    }

}

Ans: 0000

16. # include <stdio.h>

int main()

{

   int i=0;

   for(i=0; i<20; i++)

   {

     switch(i)

     {

       case 0:

         i+=5;

       case 1:

         i+=2;

       case 5:

         i+=5;

       default:

         i+=4;

         break;

     }

     printf("%d  ", i);

   }

   getchar();

   return 0;

}

Ans: 16,21

17. #include‹stdio.h›

int main()

{

    struct site

    {

        char name[] = "GeeksforGeeks";

        int no\_of\_pages = 200;

    };

    struct site \*ptr;

    printf("%d",ptr->no\_of\_pages);

    printf("%s",ptr->name);

    getchar();

    return 0;

}

Ans: Compiler error

18. #include <stdio.h>

int main()

{

int c = 5, no = 1000;

do {

no /= c;

} while(c--);

printf ("%d\n", no);

return 0;

}

Output: Exception – Divide by zero

19. int main()

{

int x,y=2,z,a;

if ( x = y%2)

z =2;

a=2;

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

return 0;

}

Output:

< some garbage value of z > 0

20. #define prod(a,b) a\*b

int main()

{

int x=3,y=4;

printf("%d",prod(x+2,y-1));

return 0;

}

Output:

10