

Q : 1

```
if(condition)
    printf("I love" );
else
    printf("C Language");
```

What should be the 'condition' inside if statement such that it will print "I Love C Language"?

Q : 2 Write the output:

```
int i = a;

switch (i);

{
    Case '0' : printf ("Zeroes\n"); break;
    default : printf("No match\n");
    case '1' : printf("One\n");
}
```

Q : 3 What is the output of this C code?

```
#include <stdio.h>
printf("%.0f", 2.89);
```

- a) 2.890000
- b) 2.89
- c) 2
- d) 3

Q : 4

Write a one line statement to deallocate memory without using free() in C. [You can use any other C function]

For uniformity write the equivalent of 'free(void* ptr)'.

Q: 5 What will be the output of the C program?

```
#include<stdio.h>
int main()
{
    int fun = {
        printf("toomuchfun ")
    };
    int x = 5;
    for(x=0;x<=fun;x++)
    {
        printf("%x ", x);
    }
    return 0;
}
```

A.toomuchfun 0 1 2 3 4 5 6 7 8 9

B. toomuchfun 0 1 2 3 4 5 6 7 8 9 a b

C. 0 1 2 3 4 5 6 7 8 9 a b

D. None of the above

Q: 6 Write a C program to print message "Apogee: Cybernetic Vision " without using any semicolon in program

Q: 7 What will be the output of the C program?

```
#include<stdio.h>
int main()
{
    int i;
    for(i = 0;i<0,5;i++)
        printf("%d\n",i);
    return 0;
}
```

A. 1 3

B. Program never ends

C. 1 3 5

D. None of the above

Q: 8

```
#include <stdio.h>
int main()
{
    int i=1,
        j=1,
        k=0,l=2,m;
    m=i++&&j++&&k++||l++;
    printf("%d %d %d %d %d",i,j,k,l,m);
    return 0;
}
```

What will be the result of execution / error(s) on execution of the above code?

Q:9 What is the output of the following code?

```
#include<stdio.h>

int main()
{
    printf("%x\n", -1>>1);
    return 0;
}
```

- A. ffff
- B. 0fff
- C. 0000
- D. fff0

Q: 10 How will you generate infinite loop without using any loop?