

1.

```
#include<stdio.h>
int main(void)
{
    unsigned short int a = 10;

    a = ~a;
    printf("%u\n", a);

    return 0;
}
```

- A. -11
- B. 65525
- C. 65526
- D. -9

Answer: B

2.

```
#include<stdio.h>
int main(void)
{
    int a = 144;

    if (a = a >> 4)
        printf("a=%d\n", a=a<<3);

    return 0;
}
```

- A. 72
- B. 144
- C. 288
- D. 36

Answer: A

3.

```
#include<stdio.h>
int main(void)
{
    if (!(7 | 8))
        printf("Honesty");
    if ((~7 | 0x000f) != 8)
        printf("is the best policy\n");
    return 0;
}
```

- A. Honesty is the best policy
- B. Honesty
- C. is the best policy
- D. run time error

Answer: C

4.

```
#include <stdio.h>
#define MOBILE 0x01
#define LAPPY 0x02
int main(void)
{
    unsigned char item=0x00;
    item |=MOBILE;
    item |=LAPPY;
    printf("I have purchased ...:");

    if(item & MOBILE)
    {
        printf("Mobile, ");
    }
    if(item & LAPPY)
    {
        printf("Lappy");
    }
    return 0;
}
```

- A. I have purchased:
- B. I have purchased ...:Mobile, Lappy
- C. I have purchased ...:Mobile,
- D. I have purchased ...:Lappy

Answer: B

5.

```
#include <stdio.h>
int main(void)
{
    char var=0x04;
    var = var | 0x04;
    printf("%d,",var);
    var |= 0x01;
    printf("%d",var);
    return 0;
}
```

- A. 8,9
- B. 4,5
- C. 8,8
- D. 4,4

Answer: B

6.

```
#include <stdio.h>
int main(void)
{
    int x=10; x &= ~2;printf("x = %d",x);
    return 0;
}
```

- A. x = 10
- B. x = 8
- C. x = 12
- D. x = 0

Answer: B

7.

```
#include <stdio.h>
int main(void)
{
    char flag=0x0f;
    flag &= ~0x02; printf("flag = %d",flag);
    return 0;
}
```

- A. flag = 13
- B. flag = d
- C. flag = 22
- D. flag = 10

Answer: A

8.

```
#include <stdio.h>
int main(void)
{
    FILE *fp = stdout;
    int num=102;
    fprintf(fp, "%d-%c-%d-%c", num, num-32, num+=32, num-=32);
    return 0;
}
```

- A. 102-F-102-f
- B. 102-f-70-F
- C. 70-f-102-F
- D. 70-F-70-f

Answer: A

9.

if fseek function fail to move to desised position in file. It returns

- A. 0
- B. non zero error error numbers
- C. nothing
- D. run time error

Answer: B

10.

What should be the output of the following code?

if file contents following data in sunbeam.txt

[Sunbeam DMC DAC DBDA DESD]

```
#include <stdio.h>
int main(void)
{
    FILE *fp=NULL;
    char c[1024];
    fp = fopen("sunbeam.txt", "r");

    fseek(fp, 0, SEEK_END);
    fseek(fp, -15L, SEEK_CUR);
    fgets(c, 7 , fp);

    puts(c);
    return 0;
}
```

- A. prints "C DAC "
- B. prints "DMC DA"
- C. prints garbage value
- D. prints "C DAC"

Answer: A

11.

fseek(filepointer, 0L, SEEK_SET);
can be represent in coding ?

- A. fseek(filepointer, 0L, 0);
- B. rewind(filepointer);
- C. fseek(fp, 0, SEEK_END-2); or
fseek(fp, 0, SEEK_CUR-1);
- D. All of above

Answer: D

12.
if sunbeam.txt file contents [sunbeam] data in file what will be output ?

```
#include <stdio.h>
int main(void)
{
    FILE *fpRead=NULL;
    char ch;

    fpRead = fopen("sunbeam.txt", "a+");
    while((ch=fgetc(fpRead))!= 1*-1)
        printf("%c", ch);

    return 0;
}
```

- A. prints sunbeam
- B. prints sunbeam infinitely
- C. no output
- D. run time error

Answer: A

13.

```
#include <stdio.h>
int main(void)
{
    char *ptr = "SunBeam Pune and Karad";
    printf(ptr+7-5+5);
    return 0;
}
```

- A. prints Pune and Karad
- B. prints Sunbeam Pune and Karad
- C. prints garbage values
- D. none of above

Answer: A

14.

```
#include <stdio.h>
int main(void)
{
    printf("\?\?!\\n");
    return 0;
}
```

- A. Compile Time Error
- B. Run Time Error
- C. ???
- D. \?\?!\\n

Answer: C

15.

```
#include <stdio.h>
int main(void)
{
    char str[] = "\\t SunBeam \\0 \\n \\0 Pune";
    printf("%s", str);
    return 0;
}
```

- A. \t SunBeam \0 \n
- B. \\t SunBeam \\0 \\n \0 Pune
- C. \t SunBeam \0 \n \0 Pune
- D. none of above

Answer: A

16.

```
#include <stdio.h>
int main(void)
{
    printf("\n no of char = %d ",
    printf("\n\n welcome to sunbeam \t\t pune "));
    return 0;
}
```



A.

welcome to sunbeam pune
no of char = 30

B.

no of char = 30

welcome to sunbeam pune

C.

\n\n welcome to sunbeam \t\t pune
no of char = 34

D. none of above

Answer: A