1.

What **should** be the output of the following code?
if file contents following data in **sunbeam**.txt
[Sunbeam DMC DITISS DAC DBDA DESD]

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

    fseek(fp, 0, SEEK_END);
    fseek(fp, -22L, SEEK_CUR);
    fgets(c, 11 , fp);

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

A. prints "C DITISS D"
B. prints " DITISS DA"
C. prints garbage value
D. prints "DITISS DAC"

Answer: A

2.

if we want to write ten records of students into file which statement can be use from following ?

A. fwrite(arr, sizeof(struct student) ,10, filepointers);
B. fwrite(arr, sizeof(arr) ,1, filepointers);
c. fwrite(arr, sizeof(struct student) ,1, filepointers);
D. A and B
E. all three A, B and c

Answer: D

3.

What is the output, if num = 9

```c
#include <stdio.h>
int main( void )
{
    unsigned int num;
    int i;
    FILE *fp=NULL;

    printf("\n Enter Num ::");
    scanf("%u", &num);

    fp=fopen("num.txt","w");
    if( fp!=NULL)
    {
        for(i=0; i<8; i++)
        {
            fprintf(fp,"%d", (num<<i & 1<<7)?1:0);
        }
        fclose(fp);
    }
    else
        printf("\n unable to deal with fiile");

    return 0;
}
```

A. 00001000
B. 00001001
C. 10010000
D. 10000000
E. Error

Answer: B

4.
```c
#include<stdio.h>
int main()
{
    FILE *fpRead=NULL;
    char ch;
    fpRead = fopen("myfile.c", "r");
    if(fpRead=NULL)
        printf("\n unable to read data from file");
    else
    {
        while((ch=fgetc(fpRead))!=EOF)
        printf("%c", ch);
        fclose(fpRead);
    }
    return 0;
}
```
A. Print the contents of file "myfile.c"
B. Print the contents of file "myfile.c" upto NULL character
C. Infinite loop
D. Run time error
E. unable to read data from file

Answer: D

5.
```c
#include <stdio.h>
int main( void )
{
    fprintf(stdout," %d", fprintf(stdout,"%s", "Sunbeam Pune and
                                                Karad"));
    return 0;
}
```
A. Sunbeam Pune and Karad 4
B. Sunbeam Pune and Karad 22
C. 22 Sunbeam Pune and Karad
D. 4 Sunbeam Pune and Karad

Answer: B