

```
1.
#include <stdio.h>
#include<string.h>
int main(void)
{
    char* convert(char *s);

    char str1[] = "SUNBEAM";
    char str2[] = "sunbeam";

    if (strcmp(convert(str1), convert(str2))==0)
        printf("%s Strings are equal to %s", str1, str2);
    else
        printf("%s Strings are not equal to %s", str1, str2);

    return 0;
}
char* convert(char *s)
{
    int i=0;
    while(*(s+i)!='\0')
    {
        if(*(s+i)>=65 && *(s+i)<=90)
            *(s+i)+= 32;
        else if (*(s+i)>=97 && *(s+i)<=122)
            i[s]-=32;
        i++;
    }
    return s;
}
```

- A. SUNBEAM Strings are not equal to sunbeam
- B. sunbeam Strings are not equal to SUNBEAM
- C. Compile time error
- D. sunbeam Strings are equal to SUNBEAM
- E. SUNBEAM Strings are equal to sunbeam

Answer: B

2.

Consider **address** of Sunbeam as **4195764**

```
#include<stdio.h>
#include<string.h>
int main(void)
{
    printf("%u %s",&"Sunbeam", &"SunBeam");
    return 0;
}
```

- A. 4195764 4195764
- B. 4195764 SunBeam
- C. 4195764 4195672
- D. Sunbeam 4195764
- E. Error

Answer: B

3.

```
#include<stdio.h>
#include<string.h>
int main( void )
{
    char str1[] = "Sunbeam";
    char str2[] = "Sunbeam";
    if(! (str1==str2))
        printf("Equal ");
    else
        printf("Not Equal ");

    if( !(strcmp(str1, str2 )))
        printf("Equal ");
    else
        printf("Not Equal ");

    return 0;
}
```

- A. Equal Not Equal
- B. Not Equal Equal
- C. Not Equal Not Equal
- D. Error
- E. Equal Equal

Answer: E

4.

```
#include<stdio.h>
#include<string.h>
int main( void )
{
    char str[] = "Sunbeam Karad", rev[50];

    int i = strlen(str), j=0;
    for( i-- ; i>=0; rev[j++] = str[i--]);
    rev[j] = '\0';
    puts(rev);

    return 0;
}
```

- A. daraK maebnuS
- B. daraK
- C. maebnuS
- D. No output at all.
- E. Error

Answer: A

5.

What **will** be the output of this C code?

```
#include <stdio.h>
void sayHello(char * const dummyHello)
{
    dummyHello[5] = '.';
    printf("%s\n", dummyHello);
    return ;
}
int main(void)
{
    char str[]="Hello, PreDAC @ SUNBEAM\n";
    const char *dummyHello = str;
    sayHello(dummyHello);
    return 0;
}
```

- A. Hello. PreDAC @ SUNBEAM
- B. Hello, PreDAC @ SUNBEAM
- C. Compile time error
- D. Run time error

Answer: A