



## Day11\_Poll\_Questions

1.

```
#include<stdio.h>
unsigned char* convert(unsigned char *data)
{
    return (unsigned char*)data;
}
int main(void)
{
    unsigned char a = -64;
    unsigned char *data=NULL;
    data =convert(&a);
    printf("%d ",*data);
    return 0;
}
```

- A. Compile time error
- B. -64
- C. 191
- D. 192

Answer: D

2.

```
#include<stdio.h>
int main( void )
{
    const int no=100; int * const no_ptr = &no;
    printf(" %d",no);
    int value = *no_ptr ? ++*no : --*no ;
    printf(" %d",value);
    return 0;
}
```

- A. 100 100
- B. 100 101
- C. 100 garbage value
- D. Compile time error
- E. Run time error

Answer: D

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3.

```
#include<stdio.h>
void function(void)
{
    const int a = 10;
    int *ptr = &a;
    printf(" %d %d ", a,++*ptr);
    printf(" %d %d ", a,*ptr++);
    return 0;
}
int main(void)
{
    function();
    return 0;
}
```

- A. 11 11 11 11
- B. 11 11 12 12
- C. Compile time error
- D. Run time error

Answer: A

4.

```
#include<stdio.h>
int main()
{
    int a[] = {10,11};
    void *const ptr = a;
    *(int*)ptr = 11;
    printf("\n value at ptr is: [%d]\n",*(int*)ptr);
    return 0;
}
```

- A. 10
- B. 11
- C. compiler time error
- D. run time error

Answer :B

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5.

```
#include<stdio.h>
int main( void )
{
    void *ptr_name=NULL;
    char ch=115, *name="sunbeam";
    int j=117;

    ptr_name=&ch;
    printf("%c", *(char*)ptr_name);

    ptr_name=&j;
    printf("%c", *(int*)ptr_name);

    ptr_name=name;
    printf("%s", (char*)ptr_name+2);

    return 0;
}
```

- A. sunbeam
- B. s117nbeam
- C. 115unbeam
- D. 115117unbeam

Answer: A