1.

```
#include <stdio.h>
int main(void)
{
	int a[5] = {45, 1, 7, 10, 35};
	int x, y, z;
	x = ++a[1];
	y = a[1]++;
	z = a[x++];
	printf("%d, %d, %d", x, y, z);

	return 0;
}
```

A. 2, 3, 10
B. 2, 1, 7
C. 1, 2, 7
D. 3, 2, 7

Answer: D

2.

```
#include <stdio.h>
int main(void)
{
	int a[10]={11,22,33,44,55};
	int *ptr=&a[4];
	printf("%d %d", ptr[-1], ptr[-3]);

	return 0;
}
```

A. Garbage value Garbage value
B. 11 33
C. 44 22
D. Garbage value Garbage Value

Answer: C

3.

```
#include <stdio.h>
int main(void)
{
	char p;
	char buf[8] = {12, 11,18, 45, 91, 48, 72, 50};
	p = (buf + 1)[5];
	printf("%d\n", p);
	return 0;
}
```

A. 72
B. 48
C. 91
D. None of the above

Answer: A

4.

```
#include<stdio.h>
int main(void)
{
	static int a=22;
	static int b=33;
	static int c=11;
	static int *arr[5]={&a, &b, &c};
	int const* const* ptr= &arr[1];
	--ptr;
	printf("\n %d \n", **ptr);

	return 0;
}
```

A. 11
B. 22
C. 10
D. compile time error

Answer: B

5.

```
// note: consider 64 bit compiler.
#include <stdio.h>
void print(int arr[])
{
	int n = sizeof(arr)/sizeof(arr[0]);
	int i;
	for (i = 0; i < n; i++)
		printf("%d ", arr[i]);
	return;
}
int main( void )
{
	int arr[] = {11, 22, 33, 44, 55, 66, 77, 88};
	print(arr);

	return 0;
}
```

A. 11, 22, 33, 44, 55, 66, 77, 88
B. Compiler Error
C. 11, 22,
D. Run Time Error
E. 11, 22, 33, 44,

Answer: C