1.
If following program having name cmdline is run from the command line as
"cmdline PG-DAC PG-DMC PG-DITISS PG-DESD PG-DBDA"
then what would be the output?

```c
#include<stdio.h>
int main(int argc, char *argv[],char *envp[])
{
    while(argc)
    {
        printf("%s ", argv[--argc]);
    }
    return 0;
}
```

A. cmdline PG-DAC PG-DMC PG-DITISS PG-DESD PG-DBDA
B. PG-DAC PG-DMC PG-DITISS PG-DESD PG-DBDA
C. PG-DBDA PG-DESD PG-DITISS PG-DMC PG-DAC cmdline
D. PG-DBDA PG-DESD PG-DITISS PG-DMC PG-DAC

Answer: C

2.
```c
#include<stdio.h>
int main(void)
{
    short num[3][2]= {
                        { 3, 6 } ,
                        { 9, 12 } ,
                        { 15, 18 }
                    };
    printf("%d %d",*(num+1)[1],**(num+2));

    return 0;
}
```

A. 12 18
B. 18 18
C. 15 15
D. 12 15

Answer: C

3.
```c
#include<stdio.h>
int main(void)
{
    static char *s[] = {"PGDAC","PGDMC","PG-DITISS","PG-DESD",
                        "PG-DBDA"};
    char **ptr[] = {s+3, s+2, s+1, s};
    char ***p=NULL;

    p = ptr;
    ++p;
    printf("%s", **p+3);

    return 0;
}
```

A. DBDA
B. DMC
C. DAC
D. DESD
E. DITISS

Answer: E

4.
```c
#include<stdio.h>
int main(void)
{
    int a=2,b=4,c=8;
    int *arr1[2] = {&a,&b};
    int *arr2[2] = {&b,&c};
    int *(*arr[2])[2] = {&arr1,&arr2};

    printf("%d %d\t", *(*arr[0])[1],*(*(**(arr+1)+1)));
    return 0;
}
```

A. 2 4
B. 2 8
C. 4 2
D. 4 8

Answer: D

5.

```c
#include<stdio.h>
void fun(int **pp);
int main(void)
{
    int arr[3][4] = {{1, 2, 3, 4}, {4, 3, 2, 8}, {7, 8, 9, 0}};
    int *ptr=NULL;

    ptr = &arr[0][0];
    fun(&ptr);

    return 0;
}
void fun(int **pp)
{
    printf("%d", **pp);
    return ;
}
```

A. 1
B. 2
C. 3
D. 4

Answer: A