

1.

```
#include<stdio.h>
union testUnion
{
    short int num;
    char ch[2];
};
int main()
{
    union testUnion ut;

    ut.ch[0]=4;
    ut.ch[1]=4;

    printf("%d", ut.num);

    return 0;
}
```

- A. 4
- B. 44
- C. 1028
- D. 516

Answer: C

2.

```
#include<stdio.h>
union account
{
    int accNumber;
    static int accID;
};
int main( void )
{
    union account acc1;
    printf("%d", sizeof(acc1));
    return 0;
}
```

- A. 1
- B. 4
- C. 8
- D. compile time error

Answer: D

3.

```
#include <stdio.h>
struct test
{
    int data;
    struct test *next;
};
int main(void)
{
    struct test t1;
    struct test t2;

    t1.data=100;
    t1.next=&t2;
    printf("%d-%u",t1.data,t1.next);
    return 0;
}
```

- A. 100 2646865808(address of t2)
- B. 100 100
- C. Compile time error
- D. Abnormal termination

Answer: A

4.

stdout, stdin and stderr are?

- A. File pointer
- B. File descriptors
- C. Streams
- D. Structure

Answer: C

5.
if sunbeam.txt file contents [sunbeam] data in file what will be output ?

```
#include <stdio.h>
int main(void)
{
    FILE *fpRead=NULL;
    char ch;

    fpRead = fopen("sunbeam.txt", "a+");
    while((ch=fgetc(fpRead))!= 1*-1)
        printf("%c", ch);

    return 0;
}
```

- A. prints sunbeam
- B. prints sunbeam infinitely
- C. no output
- D. run time error

Answer: A