



Sunbeam

Summary

Summary of your recent exam



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Result: **Pass**Marks: **27/30**Percentage: **86.67**
%Questions: **10**Correct Answers: **9**Attempted: **10**

```
1. #include<stdio.h>
#include<string.h>

int func(void *Ptr);
int main()
{
    char *Str = "abcdefghij";
    func(Str);
    return 0;
}
int func(void *Ptr)
{
    printf("%s ",Ptr);
    return 0;
}
```

```
2. What will be the o/p of the following code
#include <stdio.h>
int num=10;
void update(int *ptr)
{
    *ptr+=num;
}
int main(void)
{
    int num=100;
    printf("%d\n",num);
    update(&num);
    printf("%d\n",num);
}
```



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3. What will be the output?

```
#include<stdio.h>

void main()
{
const int no=100;
int * const no_ptr = &no;
printf(" %d",no);
int value = *no_ptr ? ++*no : --*no ;
printf(" %d",value);
int k = 4;
int *const p = &k;
int r = 3;
p = &r;
printf("%d", p);
}
```

```
4. #include <stdio.h>
void test(int *a, int *b)
{
    a = b;
    *a = 30;
}
int x = 30, y = 20;
int main()
{
    test(&x, &y);
    printf("%d %d", x, y);
    return 0;
}
```

```
5. #include<stdio.h>
#include<stdlib.h>
int main()
{
    int stuf[5];
    int *p ;
    stuf[0]=0;
    p = &stuf[1];
    *p = 20;
    p = &stuf[1];
    *p = 30;
    ++p;
    *p = 40;
    p= stuf + 4;
    *p = 50;

    for(int i=0; i<= 4; i++)
    {
        printf("stuf[ %d] = %d\n",i,stuf[i]);
    }
    return 0;
}
```



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6. What will be the output?

```
#include <stdio.h>

int main(void)
{
    const int p = 5;
    int *const ptr = &p;
    ++(*ptr);
    printf("%d\n",p);
    return 0;
}
```

7. #include <stdio.h>

```
int main(void)
{
    char num=256;
    int *ptr=&num;
    *ptr++;
    int *ptr2=--ptr;
    printf("%d",*(char *)ptr2);
}
```

8. #include <stdio.h>

```
int main()
{
    const int a =7;
    const int * p=&a;
    printf("%d",++*p);
    return 0;
}
```

9. Predict The Output?

```
#include <stdio.h>

int main()
{
    int i = 97, *p = &i;
    show(&i++);
    printf("%d %d",i,*p);
    return 0;
}

void show(int *p)
{
    int j = 2;
    *p = &j;
    printf("%d %d ", j,*p);
}
```



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10. What will be the o/p of the following code

```
#include <stdio.h>

int main(void)
{

    int num=10;
    int *ptr=&num;;
    int **pptr=NULL;

    pptr=&ptr+1;

    printf("%d",**--pptr+1);
    return 0;
}
```