# CS & IT ENGINEERING



Strings
DPP 02 Discussion Notes



By- Pankaj Sharma sir





Consider the following program:

#include<stdio.h>

#include<string.h>

int main()

Wallah

Wallah

char a[]="GATE\_Wallah";

printf("%s\t", &5[a]);

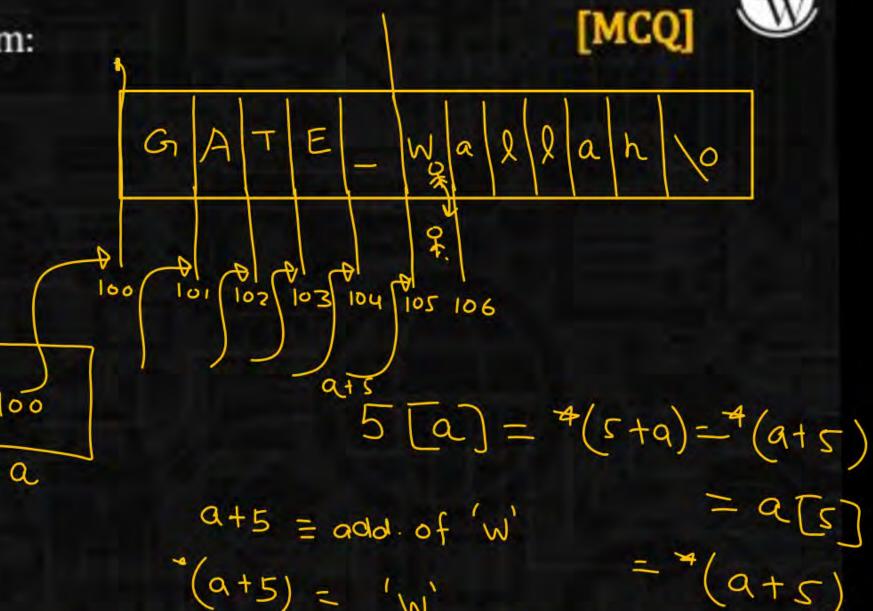
printf("%s", (a+5));

return 0;

The output is-

Runtime Error

Wallah Wallah



a

**Compilation Error** 





```
#include<stdio.h>
#include<string.h>
int main()
```

```
char s[5];
s="GATE";
printf("%s",s);
return 0;
```

The output is-

A. GATE

C. NULL

Array-nome can not be Lvalue for Lvalue for any assignment any assignment

(D)

B. G

D.

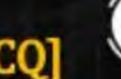
Compiler Error

Q.3

The output is

```
Consider the following program:
                                                           [NAT]
                                              c d 6
#include<stdio.h>
#include<string.h>
                            100
                                          101 102 103 104
int main()
  char *p="abcd";
                                                              unmatched
                           CV
  char *q="acd"; V
                           200.
                                      200 201 202 203
  int a;
  a=strcmp(p,q)?strlen(p):strlen(q);
  printf("%d", a);
  return 0;
```

# [MCQ]



### Consider the following program:

```
#include<stdio.h>
#include<string.h>
int main()
```

**CSF** 



ELECTRICALD



CSD

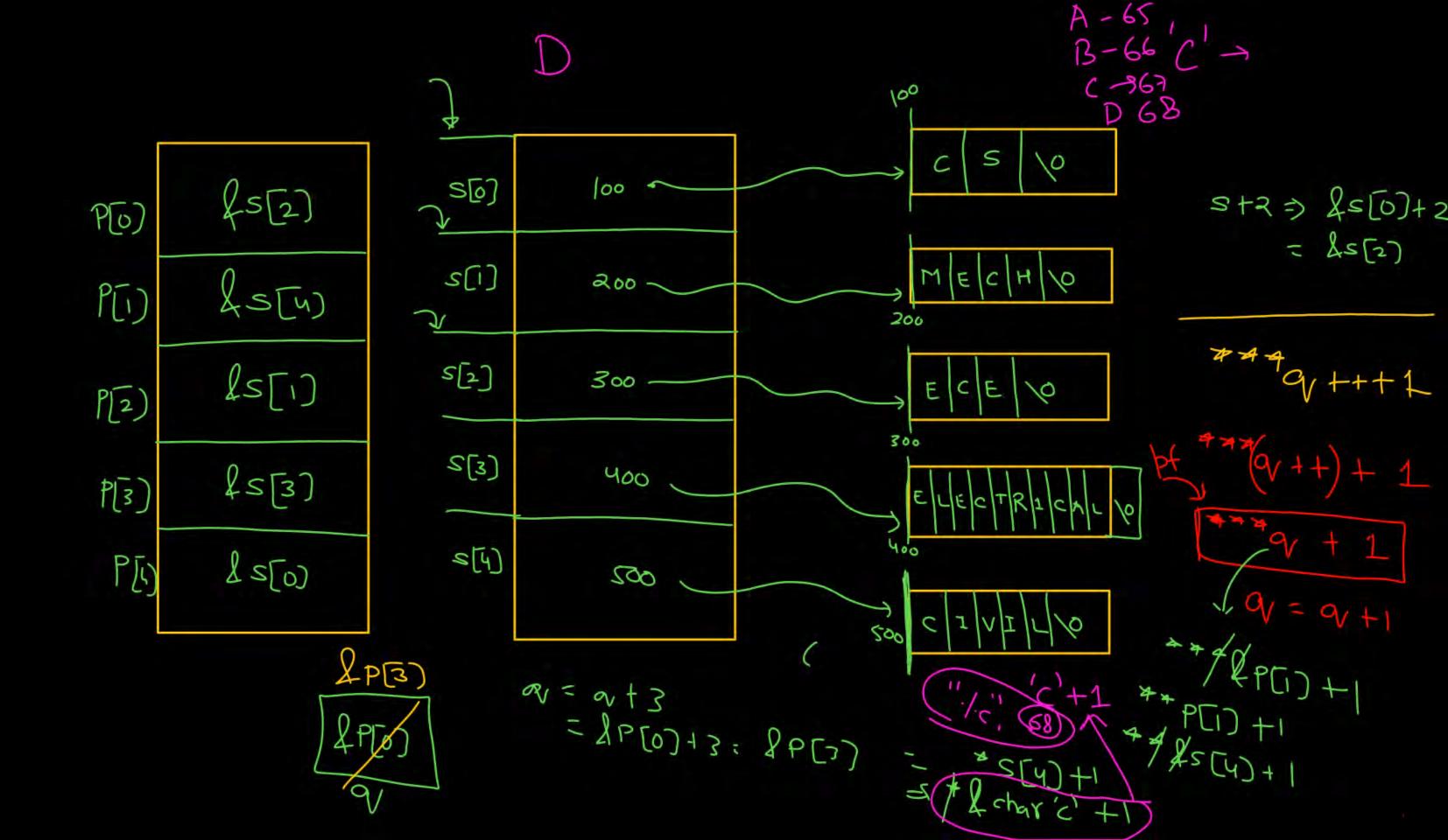


= 25[3]

CIVILE

$$q = 2P[3]$$
 $q = 2P[3]$ 
 $q = 2P[3]$ 

char \* s[5]={"CS", "MECH", "ECE", "ELECTRICAL", "CIVIL"}; char \*\* p[5]= {s+2, s+4, s+1, s+3, s}; char \*\*\*q=p; 
$$p(s)$$







```
Consider the following program:
#include<stdio.h>
                               GATE202
#include<string.h>
int main()
  char a[]="GATE2024";
                             AGATE20240
  char b[9];
  printf("%s%d%d",b,strlen(b),sizeof(b));
                                           GATE 202489
  return 0;
The output is -
```

Compilation Error

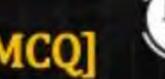
GATE202488



GATE202499

## Consider the following program:

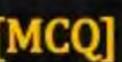




```
#include<stdio.h>
                                 GTWla
                                                     GATEWallah
#include<string.h>
void func(char *ptr)
                                  GTWlh
                                                     None of the above
                            В.
                                                D.
  if((*ptr)!='\0'){
 printf("%c", *ptr);
                                           ATEWA
                              Ptr
func(ptr+2);
                  pf(%)
int main()
                        pf('T')
  func("GATEWallah");
                                         fun(106)
                              M('W)
  return 0;
The output is
```

# Consider the following program:





```
#include<stdio.h>
                                                       \0allah
                                  No output
#include<string.h>
int main()
                                  Wallah
                                                      GATE\0allah
                            В.
                                   a(0)
  char a[]="GATEWallah";
  char *p;
  p=a; P= {a[0]
                     a
  p+=4;
                     100
                                  00
  printf("%s",p);
  return 0;
The output is-
```



#include<stdio.h>

#include<string.h>

int main()

char \*a[]={"GATE", "Parakram", "Wallah", "Shreshth"}; (")

char \*\*b[]= $\{a+2, a+3, a+1, a\}$ ;

char \*\*\*c=(b) p & & (2) & (3) & (1) (6) printf("%s", \*--\*++c+3);

printf("%s", \*\*++c);

return 0;

Parakiam

The length of the output string is

\*--\*(++c) + 3

a[2]+3



