1.

```
#include<stdio.h>
int main(void)
{
    char s[]={'a','b','c','\n','c','\0'};
    char *p=NULL,*str=NULL,*str1=NULL;

    p=&s[3];
    str=p;
    str1=s;

    printf("%d",++*p + ++*str1-32);
    return 0;
}
```

A. 77
B. 88
C. 76
D. 75

Answer: A

2.

```
#include<stdio.h>
#define so(s) sizeof(s)
int main(void)
{
     char *s1="DESD",s2[]="desd";

     printf("%d%d%d",sizeof(s1),sizeof(s2),so("DESD"));
     return 0;
} //Consider 64 bit Compiler
```

A. 2 5 5
B. 8 8 8
C. 1 5 5
D. 8 5 5

Answer: D

3.

```
#include<stdio.h>
int main(void)
{
     char *courses[]={ "PG-DAC","PG-DESD","PG-DMC",
                       "PreCAT","PG-DBDA"},*temp=NULL;
     int i;
     temp = courses[3];
     courses[3] = courses[4];
     courses[4] = temp;
     for(i=0; i<=4; i++)
         printf("%s,", courses[i]);

    return 0;
}
```

A. PG-DAC,PG-DESD,PG-DMC,PreCAT,PG-DBDA,
B. PG-DAC,PG-DESD,PG-DBDA,PreCAT,PG-DMC,
C. PG-DAC,PG-DESD,PG-DMC,PG-DBDA,PreCAT,
D. Compile time error.

Answer: C

4.

```
#include<stdio.h>
int main(void)
{
    void *vp=NULL; char ch='S',*cp="sunbeam"; int j=1;
    vp = &ch;  printf("%c", *(char *)vp);
    vp = &j;   printf("%d",*(int *)vp);
    vp = cp;   printf("%s",(char *)vp + 3);
    return 0;
}
```

A. G20beam
B. S1beam
C. sunbeam
D. Sun

Answer: B

5.

```
#include<stdio.h>
#define max 5
#define int arr1[max]
int main(void)
{
    typedef char arr2[max];
    arr1 list={0,1,2,3,4};

    arr2 name="name";
    printf("%d %s",list[0],name);

     return 0;
}
```

A. Compiler error
B. 0
C. 0 name
D. 1 name

Answer: A

6.

```
#include<stdio.h>
int main(void)
{
    char a[]="12345\0";    int i=strlen(a);

    printf("here in 3 %d\n",++i);
    return 0;
}
```

A. here in 3 5
B. here in 3 6
C. here in
D. None of the above

Answer: B

7.

```
#include<stdio.h>
int main(void)
{
    char a[100];
    a[0]='a';a[1]='b';a[2]='c';a[4]='d';
    abc(a);

    return 0;
}
abc(char a[])
{
    a++;   printf("%c",*a);
    a++;   printf("%c",*a);
}
```

A. ac
B. bc
C. cc
D. cd

Answer: B

8.

```
#include <stdio.h>
int main(void)
{
    char str[] = "PrecatQuiz";
    printf("%s %s %sn", &str[5], &5[str], str+5);
    printf("%c %c %cn", *(str+6), str[6], 6[str]);
    return 0;
}
```

A. Runtime Error
B. Compiler Error
C. uiz uiz uiz u u u
D. tQuiz tQuiz tQuiz nQ Q Qn

Answer: D

9.

```
#include <stdio.h>
int fun(char *str1)
{
    char *str2 = str1;
    while(*++str1);
    return (str1-str2);
}
int main(void)
{
    char *str = "SunbeamPuneKarad";
    printf("%d", fun(str));
    return 0;
}
```

A. 15
B. -15
C. 14
D. 16

Answer: D

10.

```
#include <stdio.h>
int main(void)
{
    int str[]={'P','R','E','C','A','T'};
    printf("A%c ",str);
    printf("A%s ",str);
    printf("A%c ",str[0]);
    return 0;
}
```

A. A A A
B. A AP AP
C. A [Garbage Value] AP AP
D. Compiler error

Answer: C

11.

```
#include <stdio.h>
int main(void)
{
    char str[] = "%d %c";
    char arr[] = "PreCAT@SUNBEAM";
    printf(str, 0[arr], 2[arr + 3]);

    return 0;
}
```

A. Compiler error
B. 80 101
C. P 84
D. 80 T

Answer: D

12.

```
#include <stdio.h>
int main(void)
{
    char city[]="PUNE";
    char *ptr=city;

    while(*ptr != '\0')
    {
        printf("%c", *ptr);    ptr++;
    };
    return 0;
}
```

A. P
B. PUNE
C. Compiler error
D. None of the above

Answer: B

13.

```
#include <stdio.h>
int main(void)
{
    int a[5] = {5, 1, 15, 20, 25};
    int i, j, m;

    i = ++a[1];
    j = a[1]++;
    m = a[i++];

    printf("%d, %d, %d", i, j, m);
    return 0;
}
```

A. 3,2,15
B. 2,3,20
C. 2,1,15
D. 1,2,5

Answer: A

14.

```
#include <stdio.h>
#include<string.h>
int main(void)
{
    char s2[40]="Sunbeam",s1[20]=" IT Park Hinjawadi";

    printf("%s", strcpy(s1, strcat(s2, s1)));
    return 0;
}
```

A. Sunbeam IT Park Hinjawadi
B. IT Park HinjawadiSu IT Park Hinjawad
C. IT Park HinjawadiSunbeam
D. complie time error

Answer: A

15.

```
#include <stdio.h>
#include<string.h>
int main(void)
{
    char p;
    char buf[10] = {48, 49, 50, 50, 51, 52, 53, 54};

    p = (buf + 1)[5];
    printf("%c %d", p, p);

    return 0;
}
```

A. 53 53
B. 53 5
C. 5 5
D. 5 53
E. Compile time error

Answer: D

16.
Choose a correct C Statement about Strings.

A. printf is capable of printing a multi word string.
B. Puts is capable of printing a multi word string.
C. Gets is capable of accepting a multi word string
   from console or command prompt
D. All of the above

Answer : D