

DYNAMIC MEMORY ALLOCATION

Exercises:

1) Enter the number of characters : 5
8

```
2)  int i, n1=3, n2=5, *p;
    p=(int *)malloc(n1*sizeof(int));
    printf("Enter %d numbers : ", n1);
    for(i=0; i<n1; i++)
        scanf("%d", p+i);

    p=(int *)realloc(p, n2*sizeof(int));
    printf("Enter %d more numbers : ", n2-n1);
    for(i=n1; i<n2; i++)
        scanf("%d", (p+i));
    for(i=0; i<n2; i++)
        printf("%d ", *(p+i));
```

Aptitude Questions:

1) Messi 10 // Input

2

2) Segmentation Fault (After f(p); assign as p=6 instead of *p=6;)

3)

Blank, no output

4) (II) and (III)

5) void cm(int **p)

```
{  
    *p=(int*)malloc(sizeof(int));  
    **p=2;  
}
```

```
}
```

void cp()

```
{  
    int *p = NULL;  
    cm(&p);  
    printf("%d\n", *p);  
}
```

```
}
```

void main()

```
{  
    cp();  
}
```