3. Draw the following basic shapes in the center of the screen

i. Circle ii. Rectangle iii. Square iv. Concentric Circles v. Ellipse vi. Line

Solution:-

```
#include<graphics.h>

#include<conio.h>

void main()

{

int gd=DETECT,gm, left=100, top=100, right=200, bottom=200, x=300, y=150, radius=50;

initgraph(&gd,&gm,"C:\\TC\\BGI");

rectangle(120,150,230,200);

circle(x,y,radius);

//to draw square

bar(left+300,top,right+300,bottom);

line(left-10,top+150,left+410,top+150);

ellipse(x,y+200,0,360,80,50);


//to draw concentric circle

for(radius=25;radius<=100;radius=radius+20)
```

```
circle(500,350,radius);

getch();

closegraph();

}
```