A.	Cone
В.	Conic section
C.	Parabola
D.	Ellipse
Е.	Hyperbola
•••••	
F.	Axis of cone
·······	Ciral.
G.	Circle

.....

2.	Name the fo	llowing curves:			
	(a)	(b)	(c)	(d)	
3.	Which geon	netrical figure will be	formed if a plane in	tersects a cone pa	rallel to its base?
4.	If the interse	ection plane is paralle	el to the generator of	cone then what co	onic does it form?
5.	If the interse	ection plane is paralle	el to the axis of cone	then what conic d	loes it form?
6.		pendicular to the axis	of cone intersects a	cone not passing	through the vertex.
7.	than angle m	nade by the plane to t	assing through its ver the axis of cone. Nam	ne the section so f	formed.
8.		$f \theta = \alpha$ , what is the 1	he is $\alpha$ and the angle name of the conic sec		

9.	The semi vertical angle of a cone is $\alpha$ and the angle made by the plane with the axis of
	cone is $\theta$ . If $\alpha$ < $\theta$ < 90°, what is the name of the conic section formed by the intersection
	of a plane surface and cone?
10.	The semi vertical angle of a cone is $\alpha$ and the angle made by the plane with the axis of
	cone is $\theta$ . If $\theta < \alpha,$ what is the name of the conic section generated by the intersection of a
	plane surface and cone?
11.	What does each of the following represent in the figure?
	<b>A.</b> AO
	B. AB
	<b>C.</b> α
	<b>D.</b> A
12.	The semi vertical angle of a cone is 40°. If the plane surface
	intersects the cone making an angle of $30^{\circ}$ with the axis of the cone,
	write the name of the conic section so formed.

.....