








Revision: 2015

Course Title: Engineering Graphics

Course Code: TED(15)  
2005

Qst No.	Scoring Indicator	Split up Score	Sub Total	Total
	<u>PART. A</u>			
1	Continuous thick  Continuous thin  Dashed thin  Dashed thick  Chain line thin  Chain thick  Chain thin double dashed  Any four types. 1/2 each	1/2 x 4	2	10
2.	An ellipse is defined as the locus of a point moving in a plane in such a way that its distance from a fixed point is called focus is always less than its distance from a fixed line called directrix OR [An ellipse is defined as a curve traced out by a point moving in a plane in such a way that the sum of its distances from two fixed points called foci is a constant]	2	2	
3	Cavalier projection (1:1:1) Cabinet projection (1:1:0.5) General projection (1:1:r) (r ≠ 1 or 0.5)	2	2	
4	Profile plane is a plane perpendicular to both the horizontal and vertical planes. This is denoted by P.P. It is also called auxiliary vertical plane.	2	2	
5	Computer aided design and Drafting	2	2	

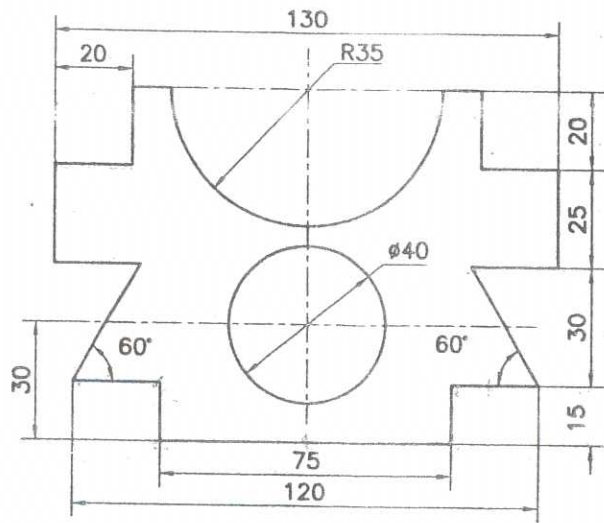


Fig  
Dimension

4	10
6	

Given,

Major axis/Minor axis = 3/2

∴ Minor axis = (2/3) Major axis  
= (2/3) x 135  
= 90 mm

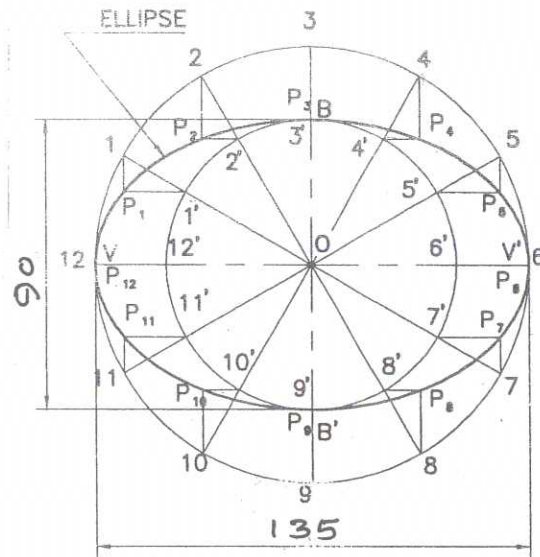
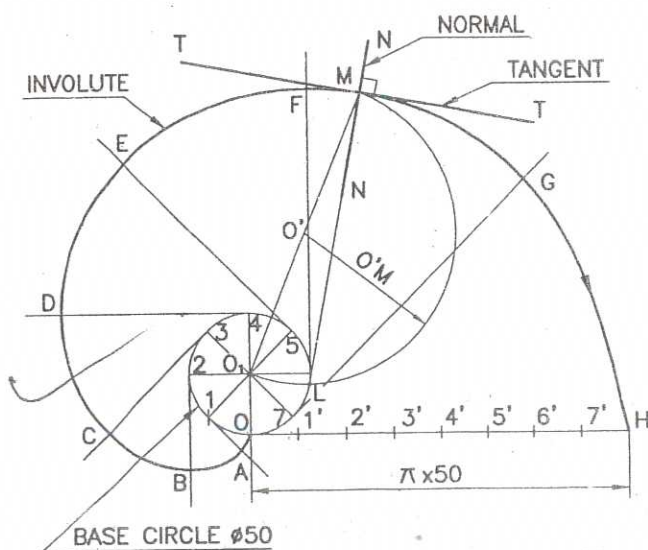


Fig Ellipse  
Construct

8	10
2	

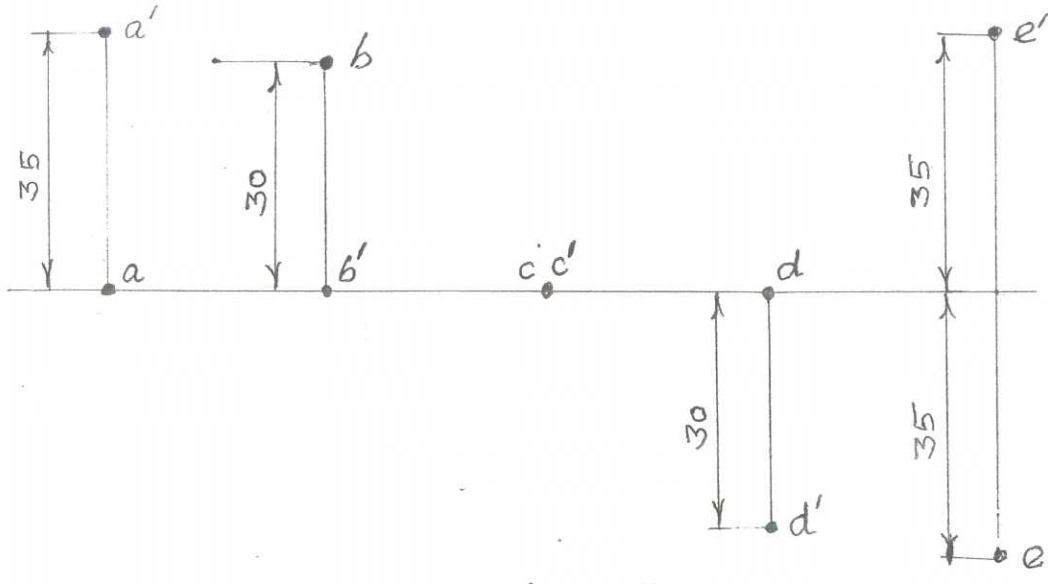


Involute  
Construct

8	10
2	

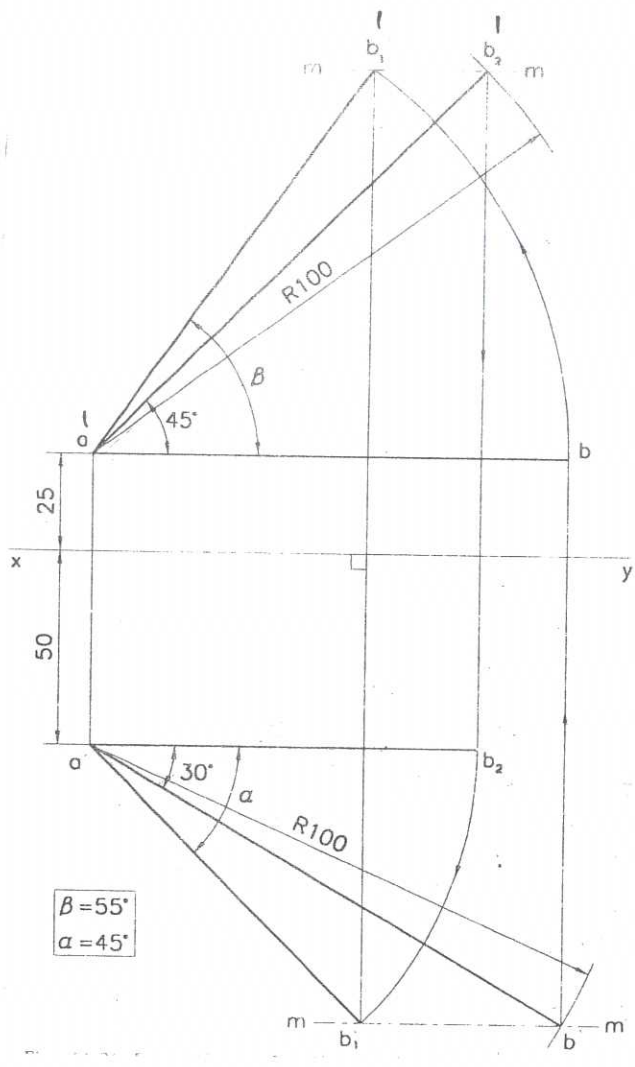
20  
II  
1  
2  
3

4



2x5 10

5



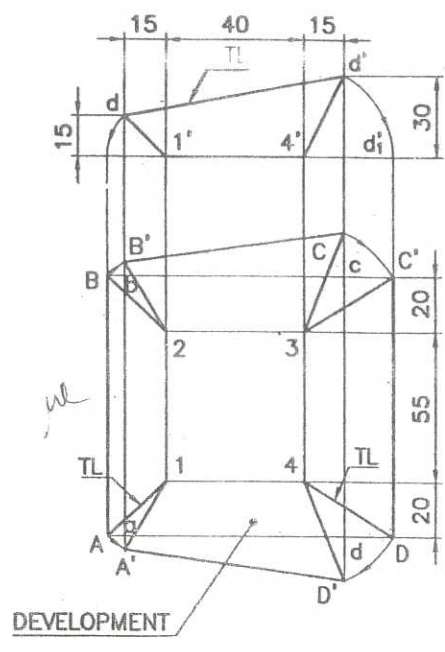
FV 4  
TV 4  
Angle 1  
Dimension 1

4 10

23

Splitup Score Sub Total Total

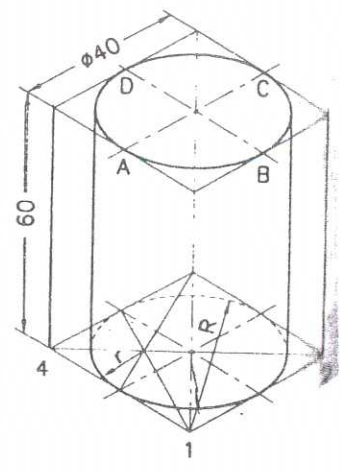
6



F.V. 2  
 Development 7  
 Dimension 1

10

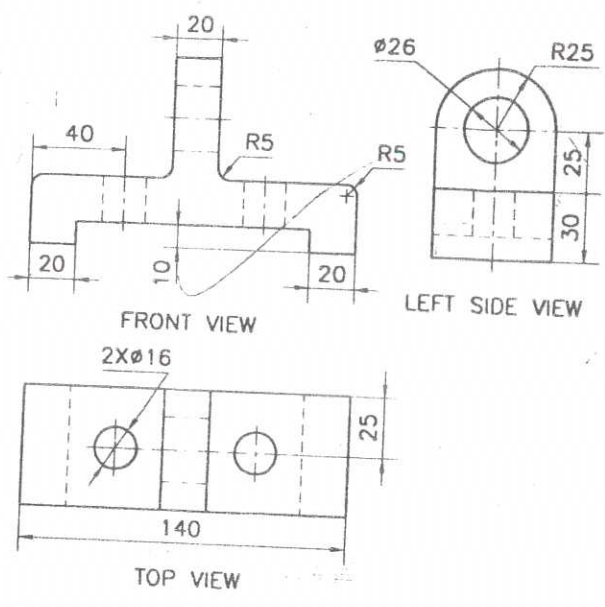
7



ISO. V. 8  
 Construction 1  
 Dimension 1

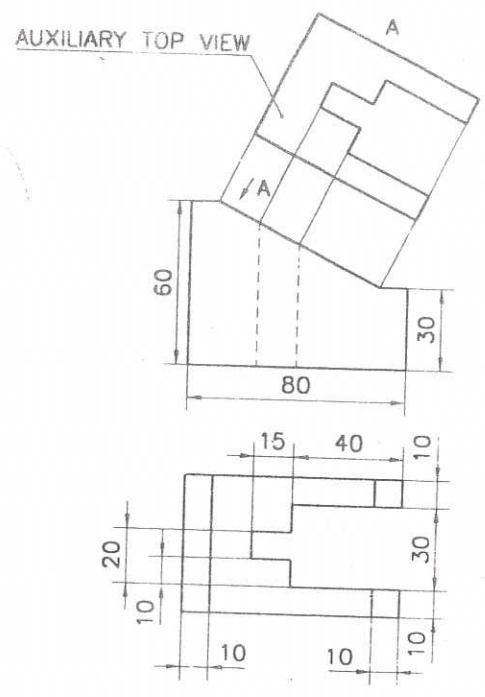
10

III



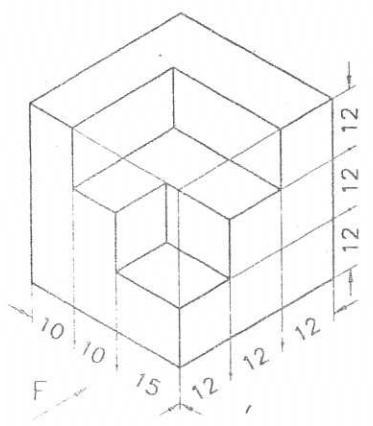
FV	7	20
TV	6	
LSV	5	
Dimension	3	

IV



Aux. TV	10	20
FV	4	
TV	4	
Dimension	2	

V



Iso. V	18	20
Dimension	2	

