

## 3055 BA SANGAM COLLEGE

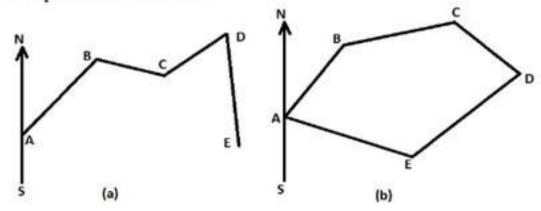
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School	: Ba Sangam College	igam Conege Year/Level: 11 Name:	
<b>Subject: Technical Drawing</b>		Worksheet 13	Year:
	Strand	Geometrical Drawing	
	Sub Strand	Surveying	
	Content Learning	Know the different methods of surveying	

## TRAVERSE SURVEYING

3-1 Definition: A traverse is a number of straight lines of known lengths and making known angles with each other. Traverses are of two types: (1) open traverse, and (2) closed traverse. In an open traverse the end point of the last line will not meet the starting point of the first line. But in closed traverse a complete circuit is made.



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Outcome

Activity (10 marks)

Sangam Education Board – Online Resources

## (a) Complete the Field Book for Offset surveying

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- (b) There is a Cylindrical Grain Silo of 1.2 m in diameter on the farm. Locate the centre of the Silo using the following information, ∠FEO - 32°, ∠EFO - 26°. Draw the silo.
- (c) Complete the Traverse Booking table given below.

FIELD BOOK				
LINE	DISTANCE	BEARING		
AF				
FE				
ED	0	A.		
DC		3.		
CB	6 15	0)		
BA	3			

(d) List 3 Surveying Instruments?

