higher education & training

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

MARKING GUIDELINE

NATIONAL CERTIFICATE

TECHNICAL ILLUSTRATION

28 MARCH 2019

This marking guideline consists of 6 pages.

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QUESTION 1: TECHNICAL ILLUSTRATION

1.1 1.1.1 terminology
1.1.2 symbols
1.1.3 creative technical illustration/technical graphics

1.2 1.2.1 perspective
1.2.2 appear
1.2.3 diminish

(2 × 3) **[6]**

QUESTION 2: TWO-POINT PERSPECTIVE

2.1	General layout	2	
	Correctness		
	• Line work	3	
	• Scale	2	
	• Balanced layout	1	**8**
2.2	Drawing		**5**
2.3	Title bar with information		**3**
	TOTAL:		**[16]**

QUESTION 3: OBLIQUE PERSPECTIVE

	3.1	**3.2**	**3.3**	
Layout	4			
Line work	6			
Scale	2			
Balanced layout	2			
Hidden lines	2			
Title bar with information			3	
Line work finish		3		
TOTAL:	**16**	**3**	**3**	**[22]**

QUESTION 4: CONSTRUCTION OF OFF-PLANE ANGLES

	4.1	**4.2**	**4.3**	**4.4**	
Layout	6				
Line work	6				
Scale			9		
Centre lines	2				
Hidden lines	2				
Drawing	22				
Title bar with information		3			
Line work finish				6	
TOTAL:	**38**	**3**	**9**	**6**	**[56]**

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QUESTION 1 …… …….. / 6

QUESTION 2 ……/ 16

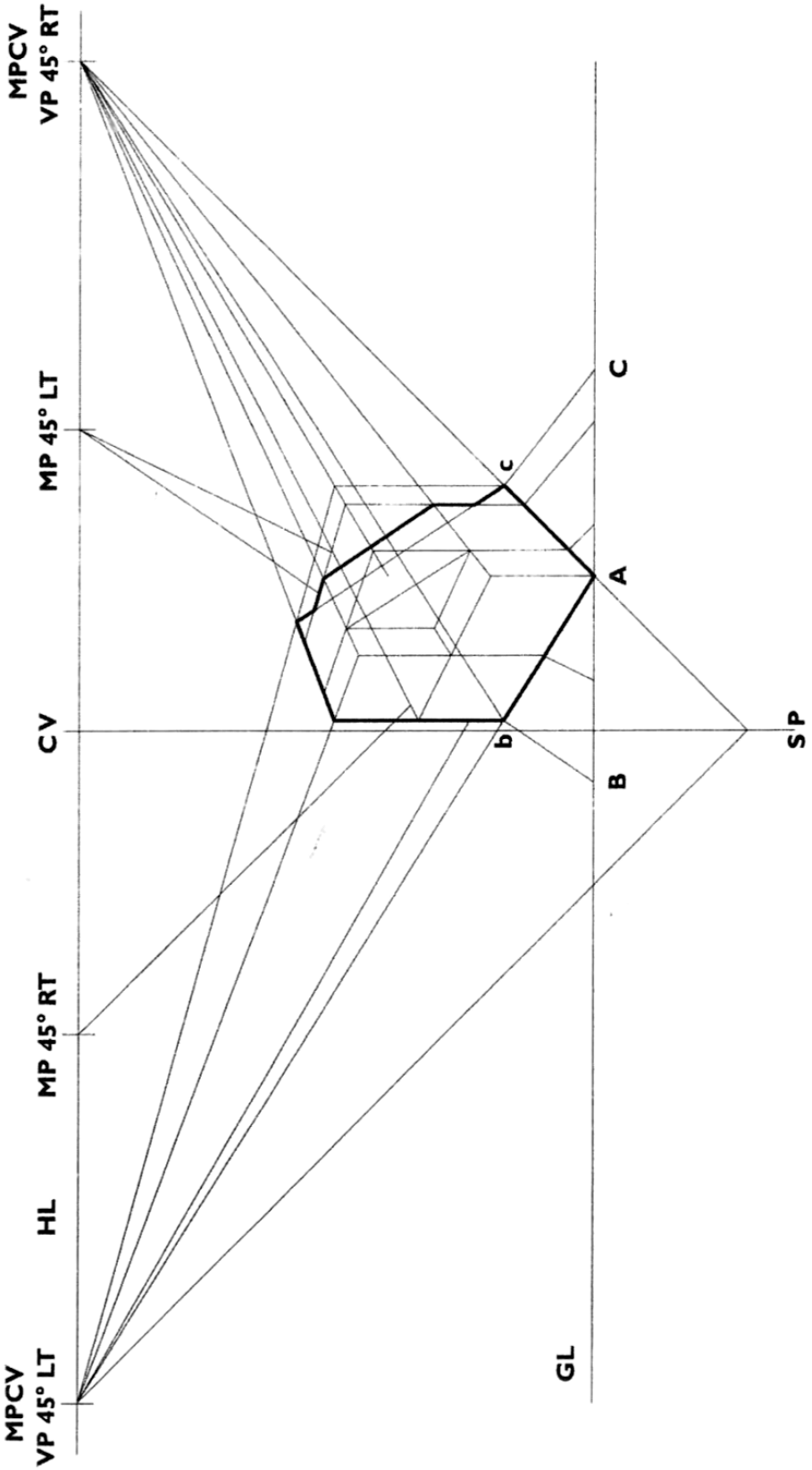
QUESTION 3 ……/ 22

QUESTION 4 ……/ 56

TOTAL ……/100

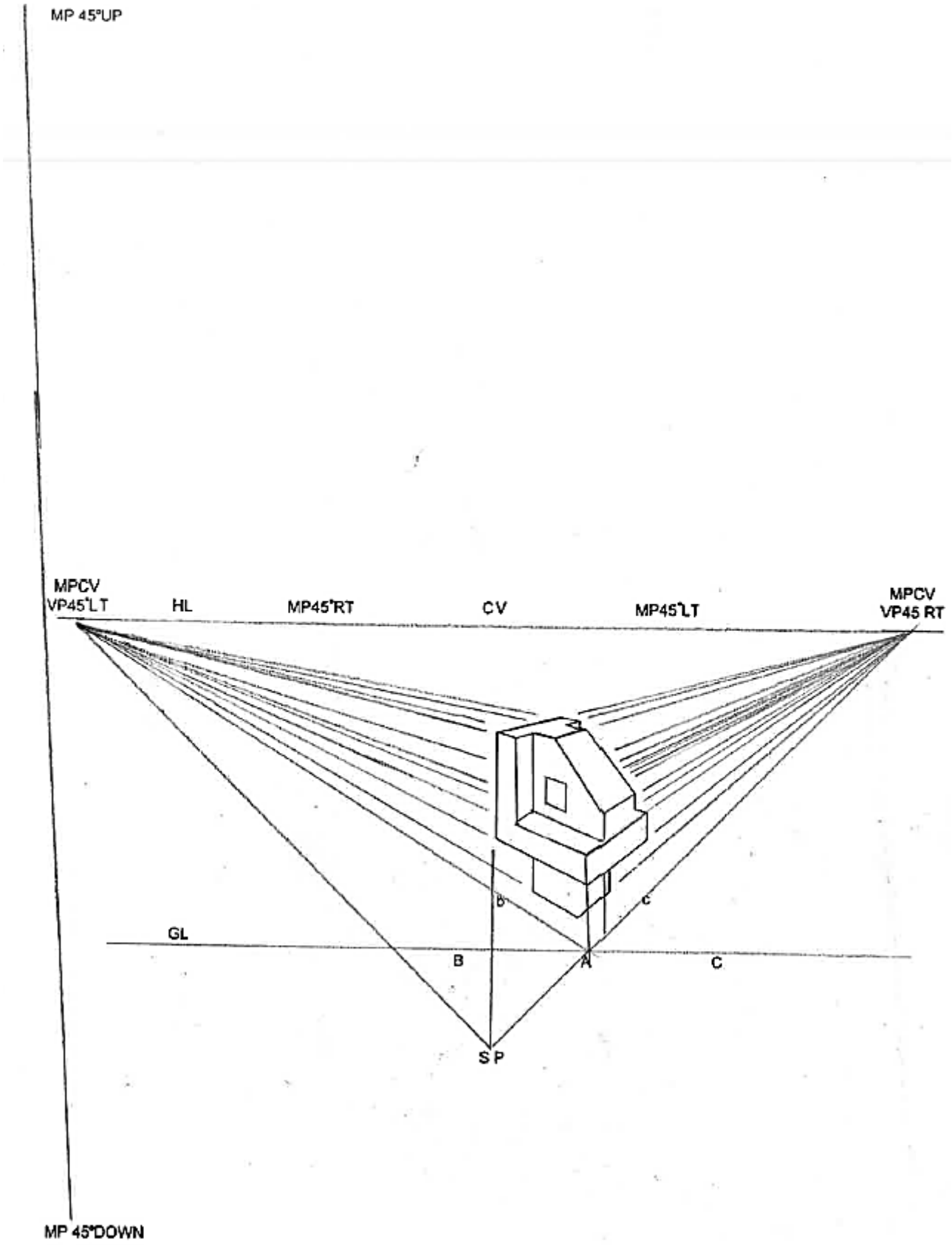
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QUESTION 2: TWO-POINT PERSPECTIVE



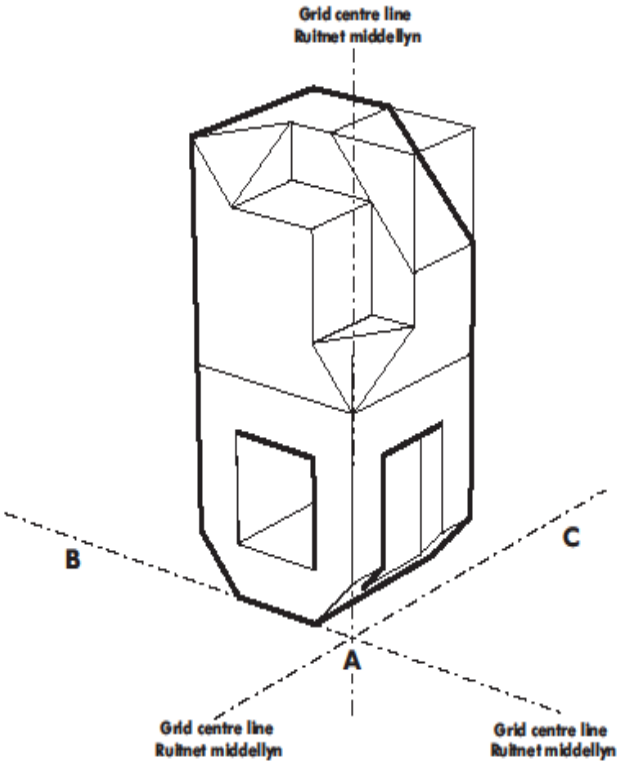
[16]

QUESTION 3: OBLIQUE PERSPECTIVE



[22]

QUESTION 4: CONSTRUCTION OF OFF-PLANE ANGLES



[56]

TOTAL: 100

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