higher education & training

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

MARKING GUIDELINE

NATIONAL CERTIFICATE

TECHNICAL ILLUSTRATION

26 JULY 2019

This marking guideline consists of 6 pages.

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SECTION A: WRITTEN

QUESTION 1: TECHNICAL ILLUSTRATION

1.1 1.1.1 realistic
1.1.2 three-point

1.2 1.2.1 understand
1.2.2 execute

1.3 1.3.1 one-point
1.3.2 three-point

(3 × 2) **[6]**

TOTAL SECTION A: 6

SECTION B: DRAWING

QUESTION 2: TWO-POINT PERSPECTIVE

2.1

General layout	2	
Correctness		
• Line work correct	3	
• Scale correct	2	
• Balanced layout	1	8
Drawing		5
Title with information		3

2.2
2.3

[16]

QUESTION 3: OBLIQUE PERSPECTIVE

QUESTION 3	**3.1**	**3.2**	**3.3**
Layout	4		
Line work correct	6		
Scale	2		
Balanced layout	2		
Hidden lines	2		
Title bar with information			3
Line work finish		3	
TOTAL	16	3	3

[22]

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QUESTION 4: THREE-POINT PERSPECTIVE EXPLODED-VIEW ILLUSTRATION OF A MODEL ASSEMBLY

Question 4	**4.1**	**4.2**	**4.3**	**4.4**
Layout	6			
Line work correct	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]

PLEASE NOTE THAT ALL DRAWINGS ARE ON A SEPARATE DOCUMENT.

QUESTION 1 ……..…….. /6

QUESTION 2 ……/16

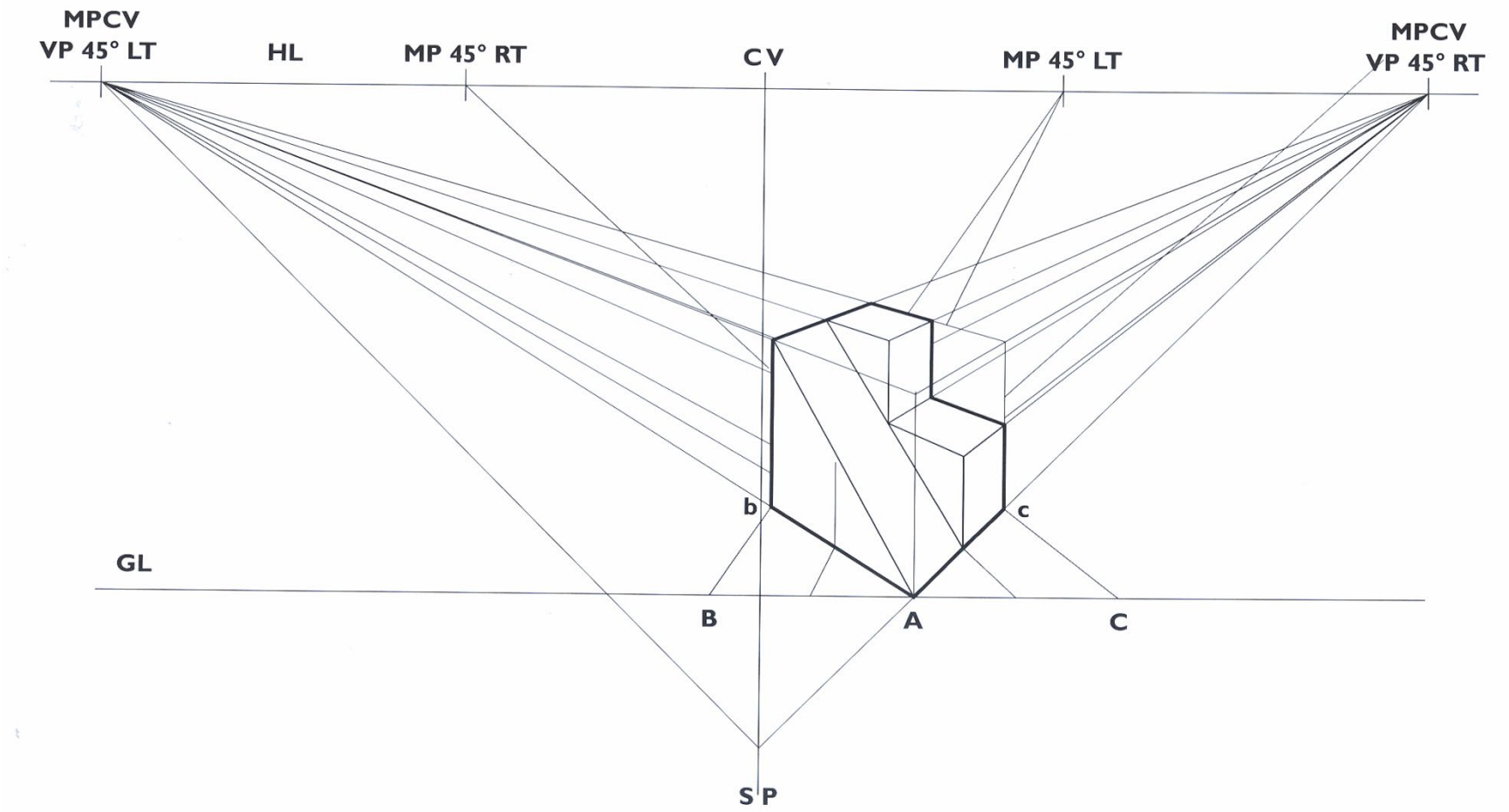
QUESTION 3 ……/22

QUESTION 4 ……/56

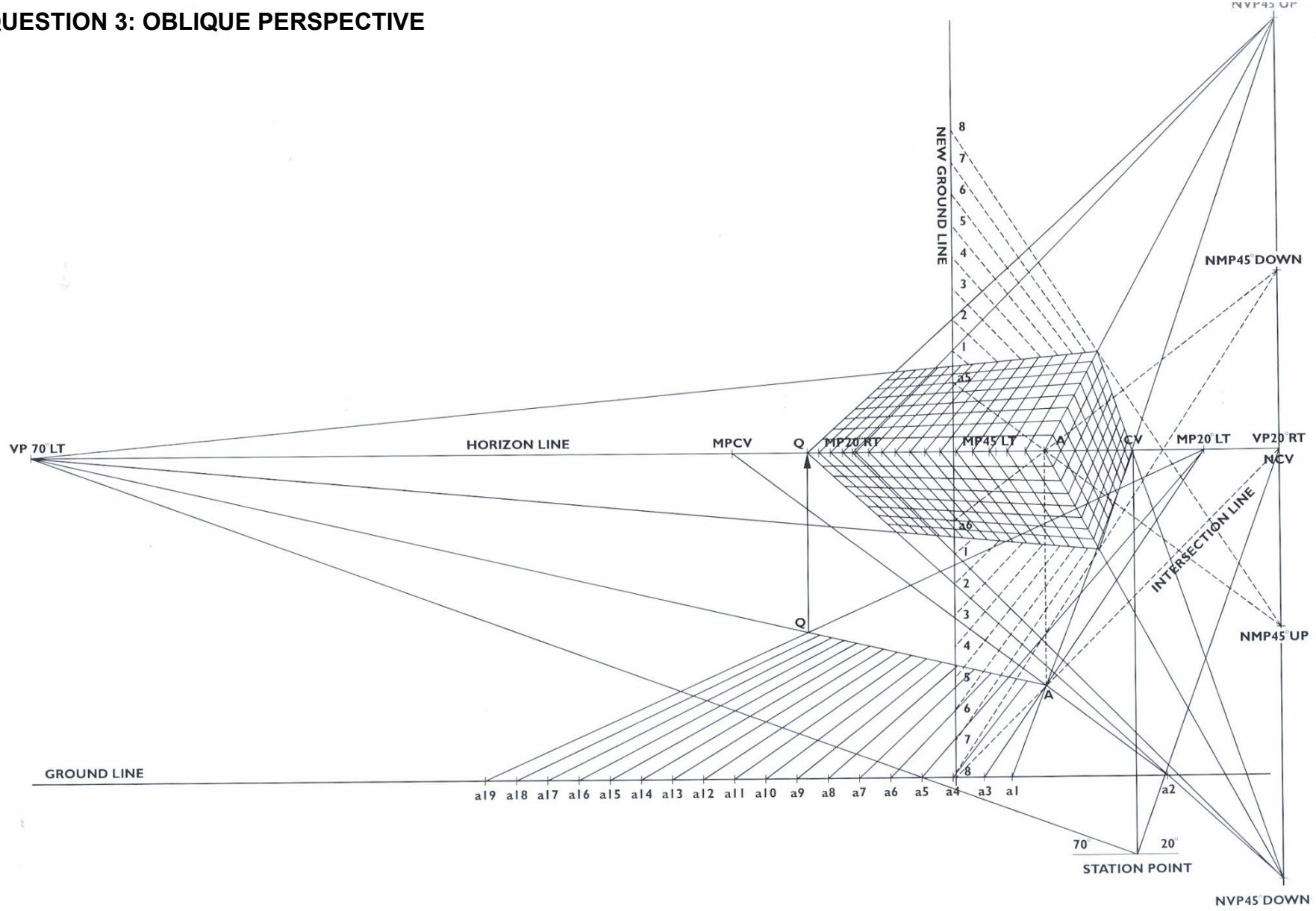
TOTAL ……/100

……%

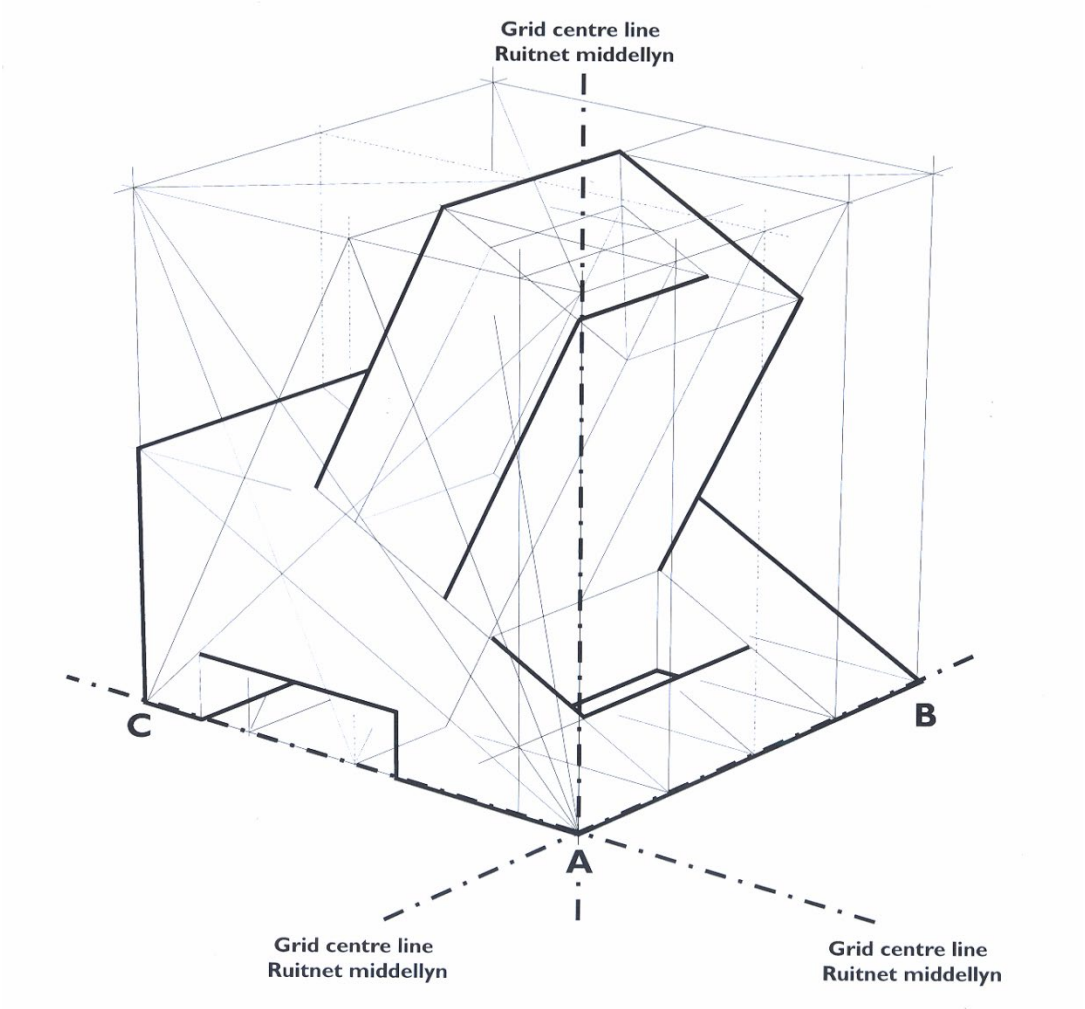
QUESTION 2: TWO-POINT PERSPECTIVE



QUESTION 3: OBLIQUE PERSPECTIVE



QUESTION 4: THREE-POINT PERSPECTIVE EXPLODED-VIEW ILLUSTRATION OF A MODEL ASSEMBLY



TOTAL SECTION B: 94
GRAND TOTAL: 100

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