higher education & training

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

MARKING GUIDELINE

NATIONAL CERTIFICATE (VOCATIONAL)

DRAWING OFFICE PROCEDURES AND TECHNIQUES

(Second Paper)

NQF LEVEL 3

23 NOVEMBER 2018

This marking guideline consists of 5 pages.

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QUESTION 1

1.1 1.1.1 Computational method for solving problems

1.1.2 Characters A to Z and numerals 0 to 9

1.1.3 Computer-aided design and draughting

1.1.4 International Organisation for Standardisation

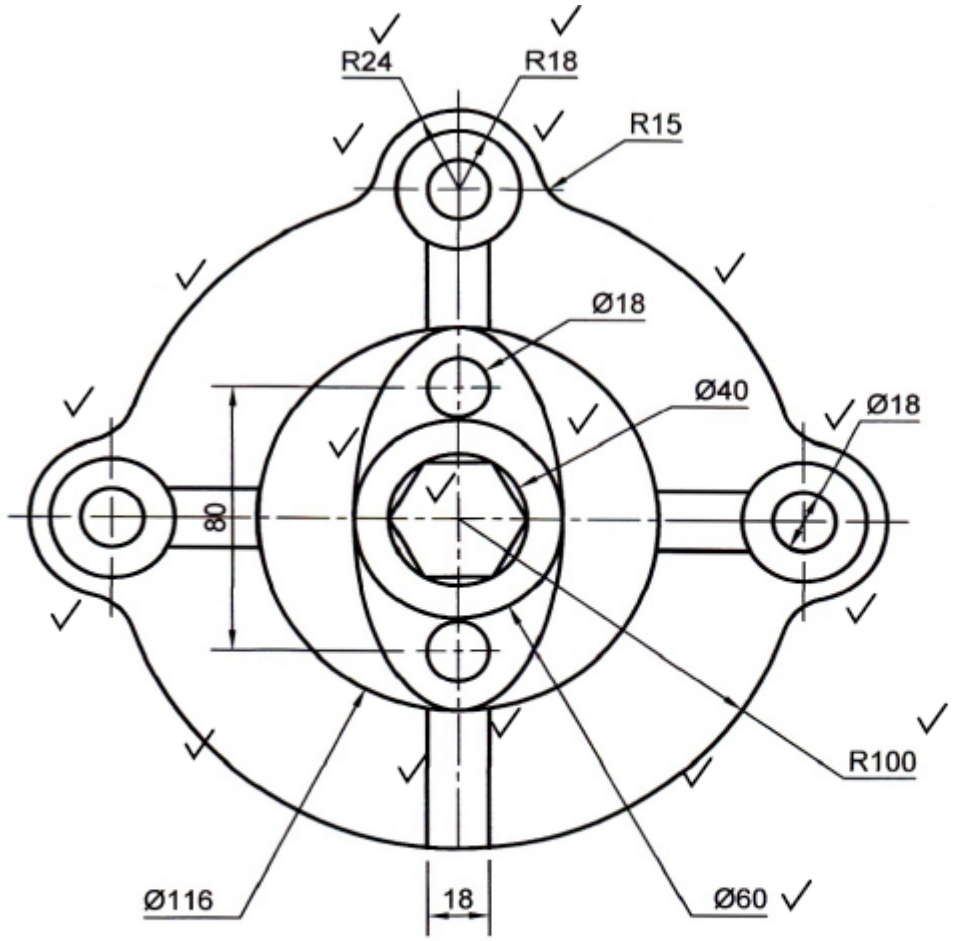
1.1.5 Ratio of width to height for a graphics display

(5 × 2) (10)

1.2 *Snap to grid* is used to lock the drawing cursor to grid points as it is moved across the screen. (2)

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QUESTION 2



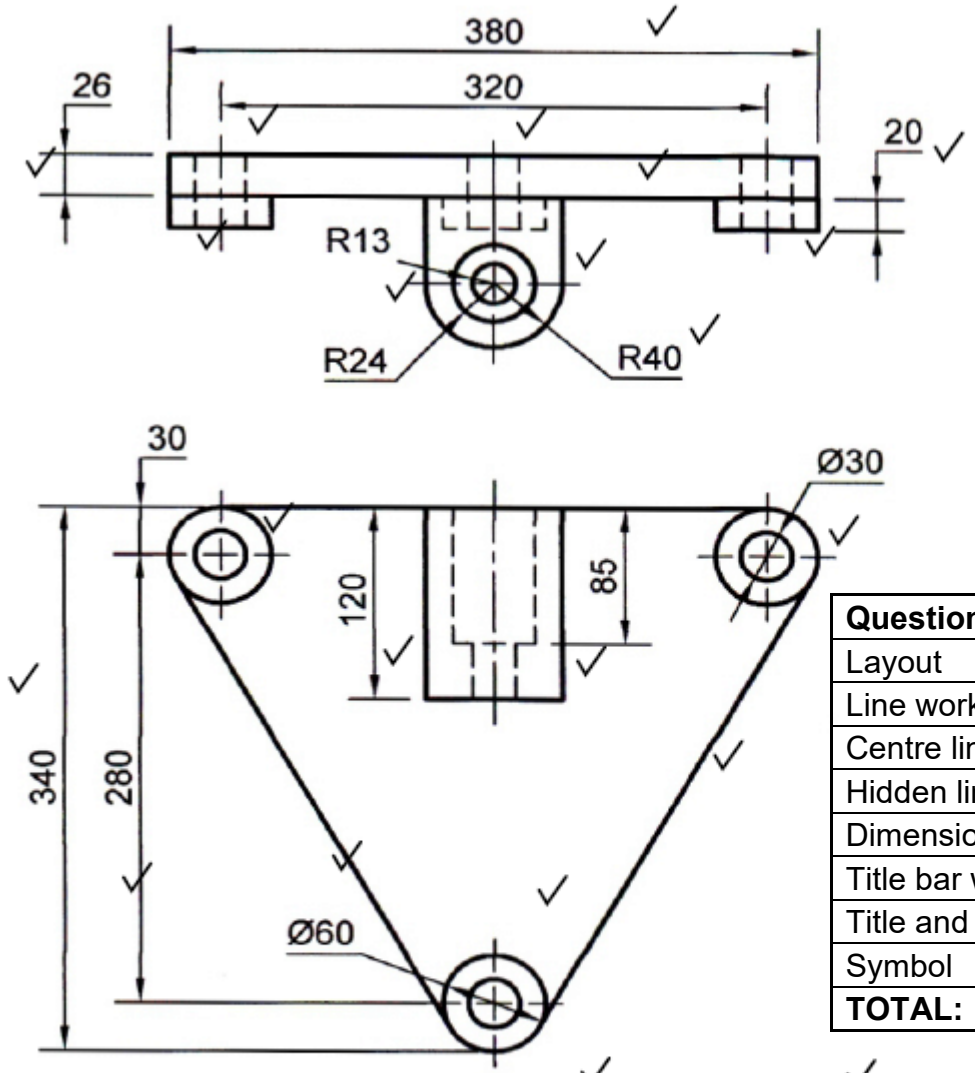
2.1	General layout	1	
	Correctness	4	
	• Line work correct	2	
	• Scale correct	3	
	• ALL circles correctly placed	3	
	• ALL arcs	2	
	• ALL centre lines		**15**
2.2	Dimensions		**4**
2.3	Title with included information		**3**

STUDENT NUMBER:	CENTRE NUMBER:	DATE:	QUESTION NUMBER: 2
		SCALE: 1:2	

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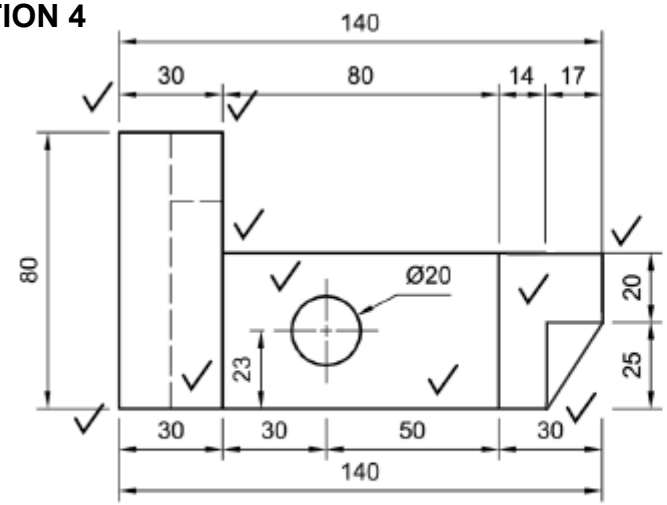
QUESTION 3

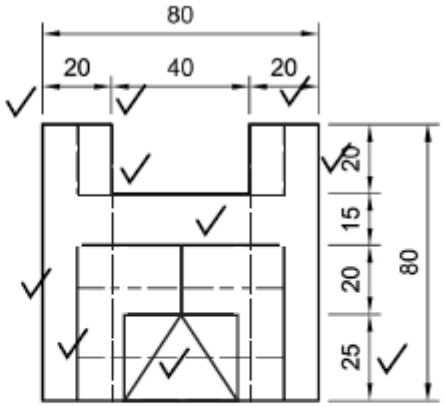


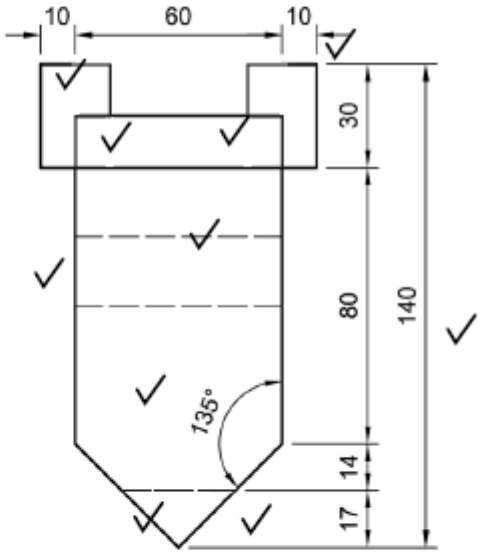
Question	**3.1**	**3.2**	**3.3**	**3.4**	**3.5**
Layout	4				
Line work correct	7				
Centre lines	2				
Hidden lines	1				
Dimensions		6			
Title bar with information			4		
Title and scale				2	
Symbol					4
TOTAL:	**14**	**6**	**4**	**2**	**4**

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QUESTION 4







Question	4.1	4.2	4.3	4.4	4.5
Layout	1	1	2		
Line work correct	1	1	4		
Scale	1	1	1		
Centre lines	1	1	1		
Hidden lines	1	1	1		
Dimensions	1	1	1		
Title bar with information				3	
Correct plot	4	4			3
Symbol					
TOTAL:	**10**	**10**	**10**	**3**	**3**

STUDENT NUMBER:	CENTRE NUMBER:	DATE:	QUESTION NUMBER: 4
		SCALE: 1:2	
		FIRST ANGLE ORTHOGRAPHIC PROJECTION	

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TOTAL: 100

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