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 2

27 November 2024

This marking guideline consists of 5 pages.

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QUESTION 1

1.1 1.1.1 F6
1.1.2 F12
1.1.3 F5
1.1.4 F8

(4 × 1) (4)

1.2
- Select the hatching icon from the toolbar.
- Use the drop-down menu.
- Use the keyboard command line. (3)

1.3 Command: rectang✓
Select the first point for the drawing by clicking where the first corner will be.✓
Left-click the position of the second corner, or type D and Enter. ✓

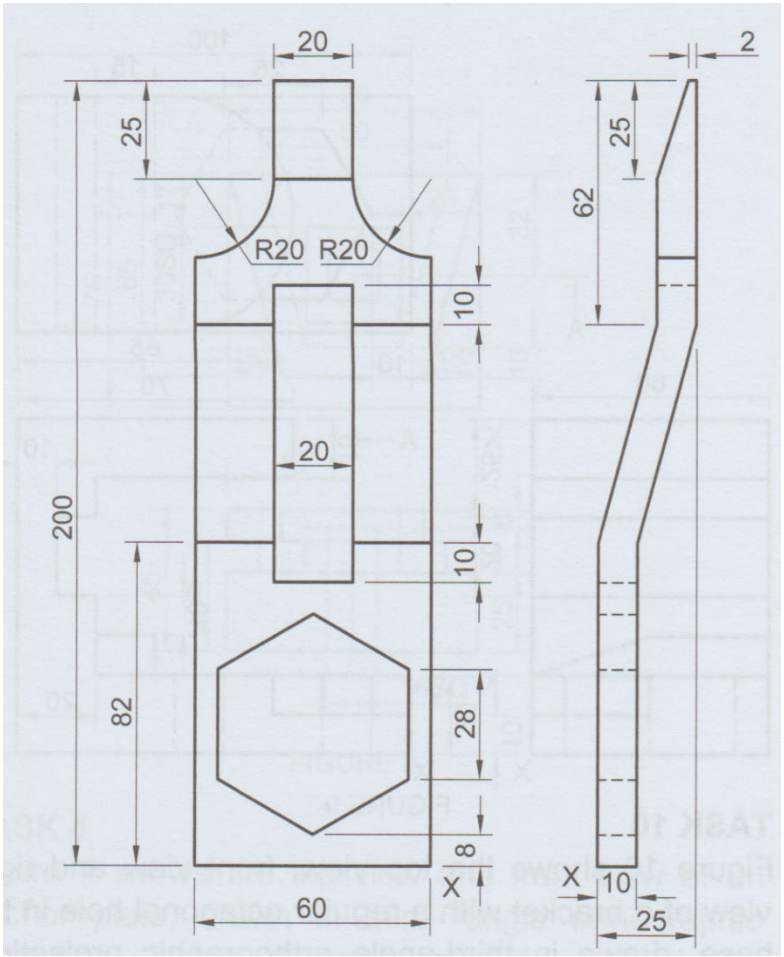
You will be prompted to specify the length of the rectangle.

Specify the length of the rectangle.✓
Specify the width of the rectangle.✓ (5)

1.4 Hardware is the tangible, physical aspect of a computer system,✓ while software is the collection of instructions and data that operate on the hardware.✓ (2)

1.5 A defunct drawing is a drawing that is not to be used because it contains incorrect information or is out of date. (1)
[15]

QUESTION 2: PRODUCE A CAD DRAWING OF A GEOMETRICAL MODEL

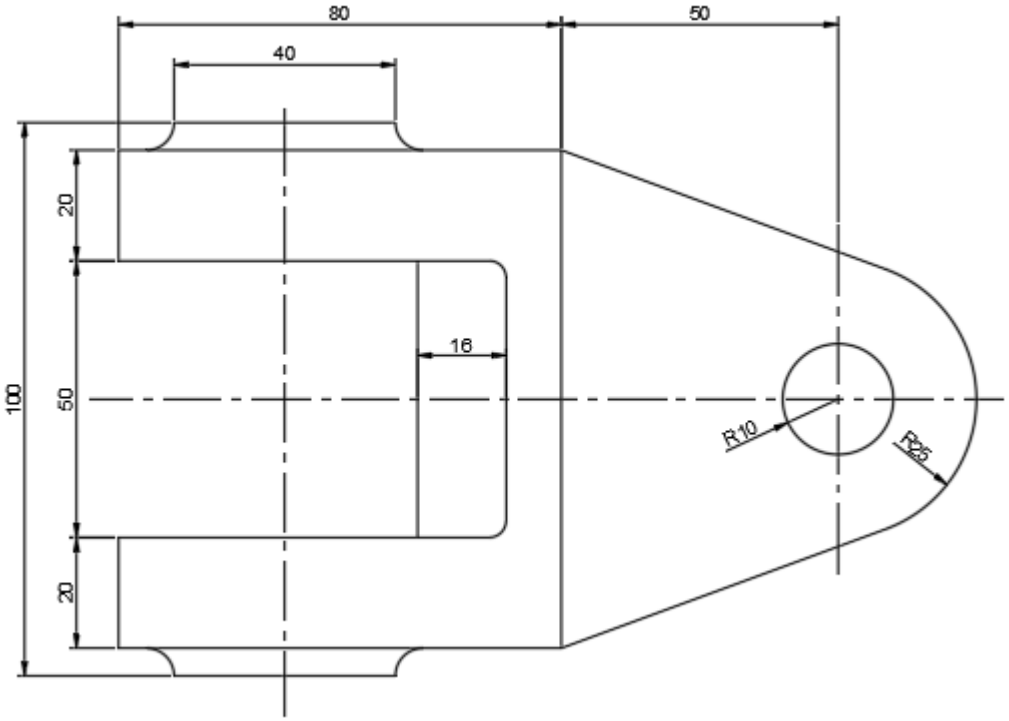


QUESTION 2	2.1	2.2	2.3	2.4	
Correctness	11				
Accuracy	3				
Scale	1				
All dimensions correct		4			
Title bar with all information			3		
Correct plot				3	
TOTAL	**15**	**4**	**3**	**3**	

[25]

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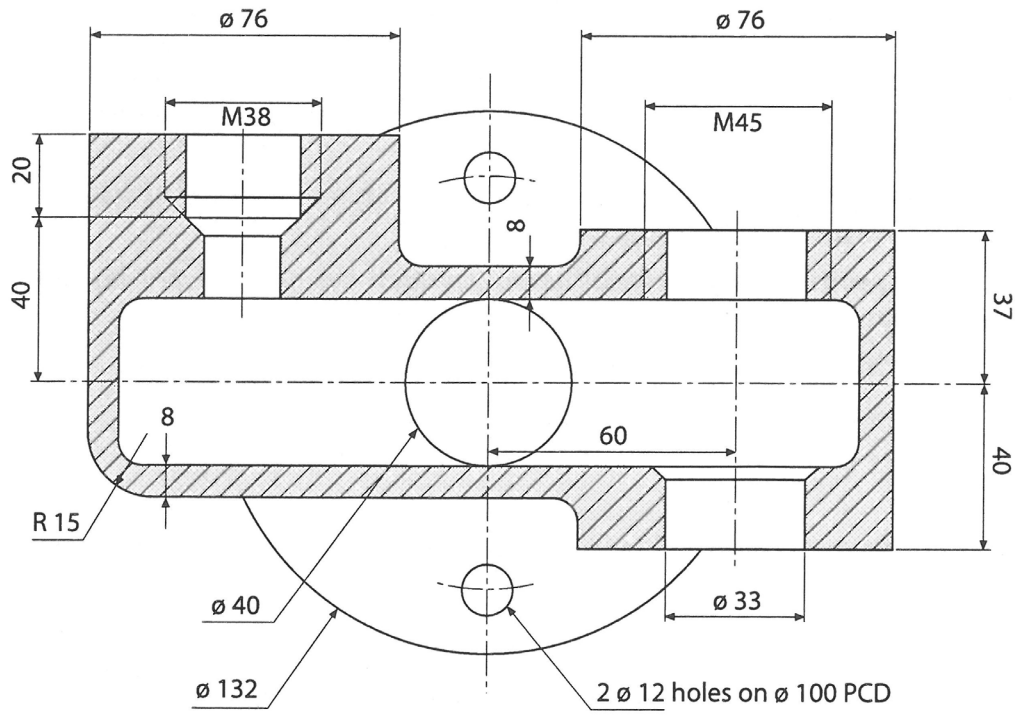
QUESTION 3: FINALISE CAD DETAILS AND LAYOUT



QUESTION 3	3.1	3.2	3.3	3.4	
Correctness	15				
Accuracy	4				
Scale	1				
All dimensions correct		4			
Title bar with all information			3		
Correct plot				3	
TOTAL	**20**	**4**	**3**	**3**	

[30]

QUESTION 4: PRODUCE ORTHOGRAPHIC COMPUTER AIDED-DRAWING (CAD)



QUESTION 4	4.1	4.2	4.3	4.4	
Correctness	15				
Accuracy	4				
Scale	1				
All dimensions correct		4			
Title bar with all information			3		
Correct plot				3	
TOTAL	**20**	**4**	**3**	**3**	

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TOTAL: 100

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