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

XX February 2020

This marking guideline consists of 6 pages.

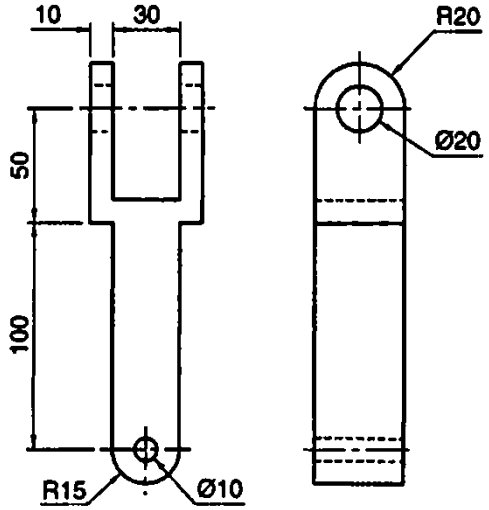
Copyright reserved

QUESTION 1

1.1 1.1.1 Application programming interface
1.1.2 Architecture, engineering and construction
1.1.3 American National Standards Institute
1.1.4 American Standard Code for Information Interchange

(4 × 1) (4)

1.2



MARK ALLOCATION	
Four holes	1
Outer shape	1
Inner circles	1
General layout	3

(6)
[10]

QUESTION 2

2.1	General layout	1	
	Correctness		
	• Line work	4	
	• Scale	2	
	• All circles correctly placed	3	
	• All arcs	3	
	• All centre lines	2	**15**
2.2	Dimensions		**4**
2.3	Title bar with information		**3**
2.4	Correct plot		**3**
	TOTAL:		**25**

Copyright reserved

QUESTION 3

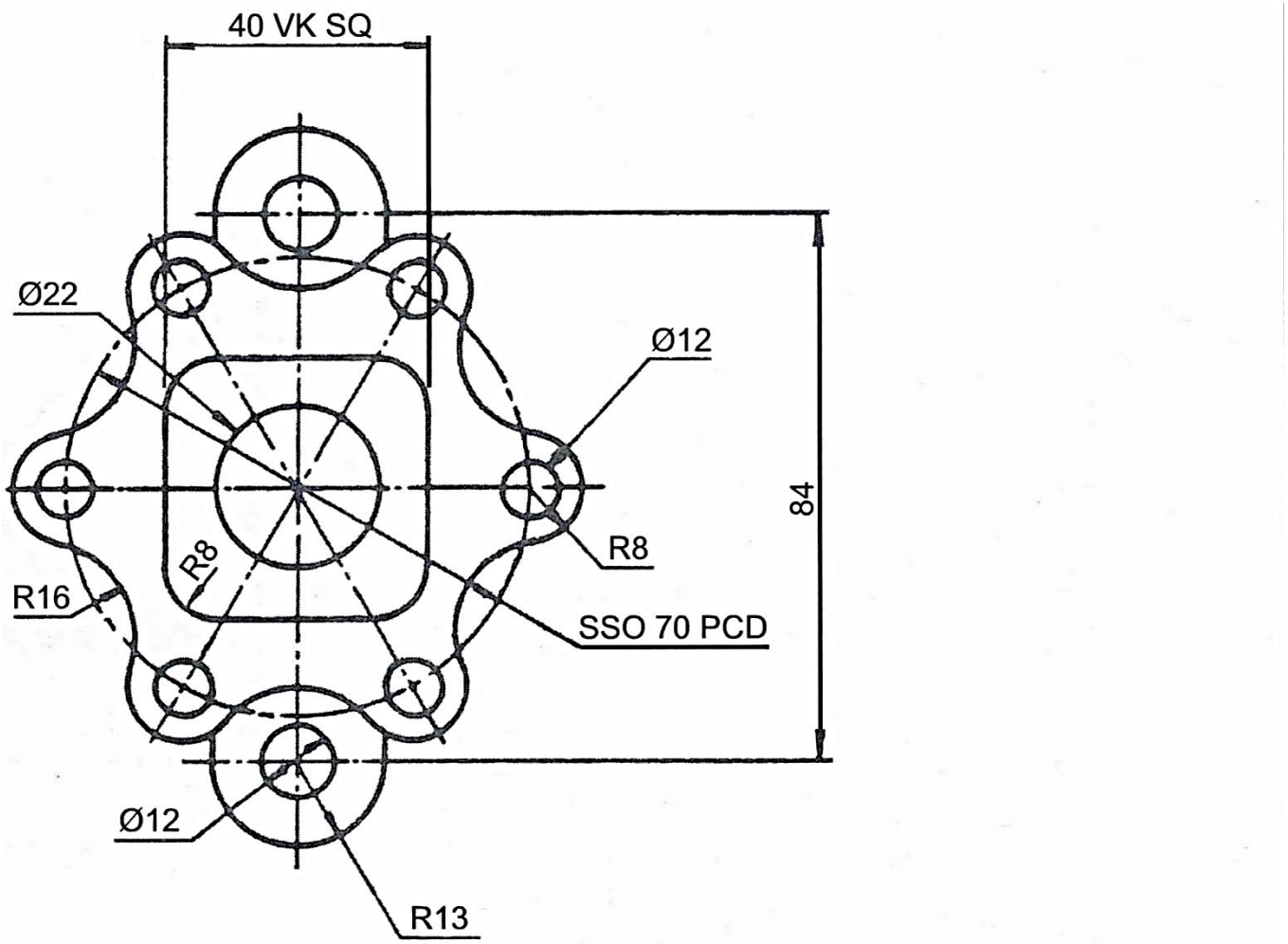
	3.1	3.2	3.3	3.4	3.5	
Layout	4					
Line work	4					
Scale	3					
Centre lines	2					
Hidden lines	1					
Dimensions		6				
Title bar with information			4			
Correct plot				4		
Circles					2	
TOTAL:	**14**	**6**	**4**	**4**	**2**	**30**

QUESTION 4

	4.1.1	4.1.2	4.1.3	4.2	4.3	4.4	
Layout	4	4	4				
Line work	2	2	2				
Scale	1	1	1				
Centre lines	1	1	1				
Hidden lines	1	1	1				
Dimensions	1	1	1				
Title bar with information				1			
Correct plot					3		
Symbol						1	
TOTAL:	**10**	**10**	**10**	**1**	**3**	**1**	**35**

Copyright reserved

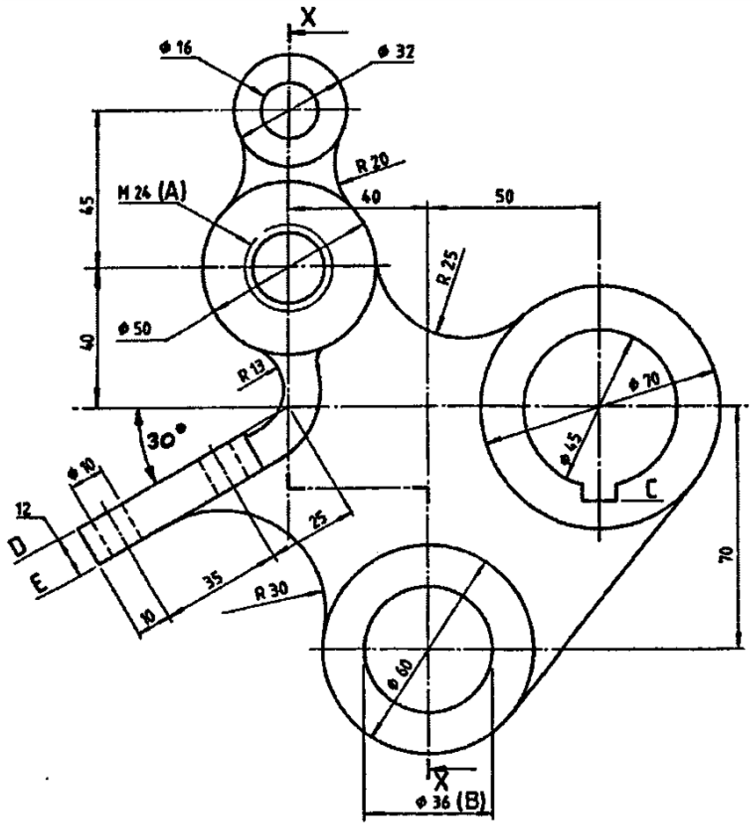
QUESTION 2



[25]

Copyright reserved

QUESTION 3

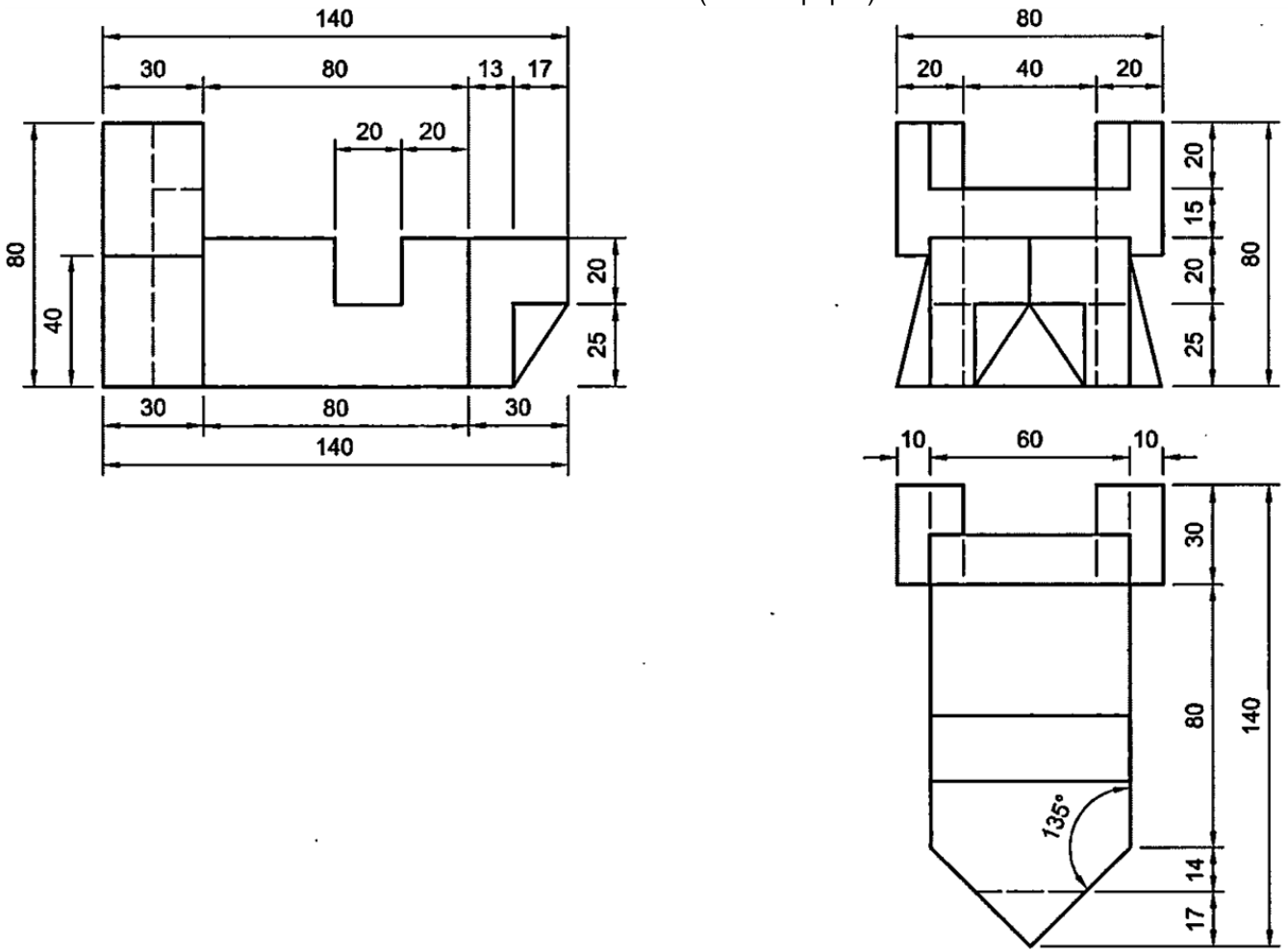


STUDENT NUMBER:	CENTRE NUMBER:	DATE:	QUESTION NUMBER: 3
		SCALE: 1.2	

[30]

Copyright reserved

QUESTION 4



STUDENT NUMBER:	CENTRE NUMBER:	DATE:	QUESTION NUMBER: 4
		SCALE: 1.2	
		FIRST ANGLE ORTHOGRAPHIC PROJECTION	

[35]
TOTAL: 100

Copyright reserved