



**EAST COAST ENGINEERING**  
 25 MAIN ROAD  
 Pinetown  
 7654  
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<b>TITEL</b>	<b>SCALE</b>
CASTING	SCALE 1:2

**NOTES**

ALL SIZES ARE IN MILLIMETERS  
 ALL RADII NOT GIVEN ARE R5

UNLESS OTHERWISE SPECIFIED  
 TOLERANCES ARE ±0,05

**QUESTION 1: ANALYTICAL (MECHANICAL)**

**Given:**

The working drawings of a CASTING with a title block and a table of questions.

**Instructions:**

With a pencil, complete the table by neatly printing the correct answers in the corresponding answer column. All the questions refer to the accompanying drawings and the title block on diagram sheet. **[25]**

QUESTIONS		ANSWERS		
1	On what date was the drawing completed?		1	
2	Who checked the drawing?		1	
3	What is the name of the manufacturing company?		1	
4	What is the drawing number?		1	
5	What is the size of the nut?		1	
6	How many of the castings must be manufactured?		1	
7	What is the file name?		1	
8	Who accepted the drawing?		1	
9	Who drew the drawing?		1	
10	What is the tolerance allowed for dimensions?		1	
11	What would the annotated dimension be at S if a scale of 1:4 is used?		1	
12	What phenomena is indicated by number 1?		1	
13	Which view is indicated by view 1?		1	
14	Which view is indicated by view 2?		1	
15	Determine the dimensions for the BOLT and Nut at A, B and C.	A:      B:      C:	3	
16	What is the title of the drawing?		1	
17	What is the scale of the drawing?		1	
18	Determine the dimension at D.		1	
19	Which orthographic projection system has been used?		1	
20	In the space provided, draw, freehand, the orthographic projection symbol used for this drawing.	FREEHAND  _____	4	
<b>TOTAL</b>			25	

MANUFACTURED BY MJ SMIT	ACCEPTED BY PJ SMIT	CHECKED BY K VAN ZYL	DATE CHECKED 22-05-2018	CAD SYSTEM USED AUTOCAD 2017	TREATMENT: CHEMICAL
PRINTED BY: A & C DRUKKERS	DATE PRINTED 14-06-2018	DRAWN BY K JORDAAN	DATE DRAWN 27-03-2018	QUANTITY NEEDED 250	FILE NAME: JUN2018
				DRAWING NUMBER JA001	

<b>MECHANICAL ANALYTICAL</b>	ESTIMATED TIME FOR COMPLETION	15 MIN	GRADE	INITIALS & SURNAME		TASK <b>1.2</b>	PAGE <b>2</b>
	YOUR TIME FOR COMPLETION	MIN					