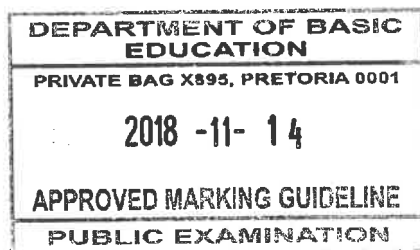# MATHEMATICS MARKING GUIDELINES NOTES
GRADE 10 PAPER 2

These notes are to be used in conjunction with the marking guideline for Mathematics Grade 10 Paper 2 2018.

1.1	If learners leave the frequency blank for 0; 6; 10, mark this as a 0 frequency.	
1.3.1	$10 - 0$ $= 10$	0/2 marks
1.3.2	This question must be marked in conjunction with the learner's frequency table. $\dfrac{0+1+2+3+4+5+6+7+8+9+10}{n}$ max marks: 1/3 (for n) $\dfrac{\text{sum of only frequencies}}{n}$ max marks: 1/3 (for n)	
2.1.1	Accept: 5,83 Wrong formula: 0/2 marks	
2.1.2	Wrong formula: 0/2 marks	
4.1.1 4.1.2 4.1.3	If the ratio is incorrect this is considered a breakdown: 0 marks	
4.2.2	No penalty for incorrect rounding.	
4.2.3	No penalty for incorrect rounding.	
6.2	TSA/TBO $= 2\pi r^2 + 2\pi rh$ $= 2\pi(3)^2 + 2\pi(3)(13) \times 0,8$ max 3/4 marks $= 252,58\,\text{cm}^2$ If formula is completely incorrect : max 1/4 marks (for the height indicated as 80% of the original height)	
	NOTE: For **ALL** geometry, please consult the diagrams. Marks can be awarded on the learners diagrams where the statements have not been explicitly stated in their working.	

DEPARTMENT OF BASIC EDUCATION

PRIVATE BAG X895, PRETORIA 0001

2018 -11- 14

APPROVED MARKING GUIDELINE

PUBLIC EXAMINATION

Approved
C/oudel
14/11/2018