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**ERRATUM**

**TO: ALL PRINCIPALS OF SCHOOLS IN THE FET BAND AND DISTRICT HEADS OF EXAMINATIONS**

**FROM: MRS P. JAPHTA**  
**(a) CES: ASSESSMENTS INSTRUMENT DEVELOPMENT AND ITEM BANK MANAGEMENT SUBDIRECTORATE**

**SUBJECT: MATHEMATICS P2 GR11 EXAMINATIONS ERRATUM**

**DATE: 24 NOVEMBER 2023**

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The Mathematics P2 Grade 11 for the November Examinations 2023 was written on Monday, the 13 November 2023. We were made aware of errors and omissions that was discovered during the marking process.

The amendment with regards to the marking was prepared in conjunction with the examiner and the moderator of the paper. This amendment addresses the errors and omissions and also ensures that learners are not disadvantaged. The following standardised approach to marking must be adopted across the Province.

**QUESTION 5 – 3D DIAGRAM**

- The 3D diagram is indeed a Grade 12 question and the whole question should be taken out of the question paper, resulting in the paper being marked out of 140. Although the question tests grade 11 knowledge the diagram should only be for grade 12. Teachers to use their discretion as it was not a difficult question.

**QUESTION 6**

6.2.2 Alternative -  $-45^\circ \leq x \leq 0^\circ$  or  $45^\circ \leq x \leq 180^\circ$  but  $x \neq 90^\circ$





## QUESTION 7

7.1.1 Alternative

$$OR^2 = (2x)^2 + 20^2$$

$$OR^2 = 4x^2 + 400$$

$$OR = \sqrt{4x^2 + 400}$$

## QUESTION 8

(We apologise for the one line for the answers. However, learners could also use the additional space for additional answers.)

8.2.3 Since the question is only 2 marks, we must accept the memorandum reason as well (angles of a triangle) as a reason.

## QUESTION 10

Statement correction: Question says tangent AC instead of AT. It then messes up the question.

Recommendation: Mark according to what learners wrote, if they worked on AC being a tangent. QUESTION 10 has been regarded as a very difficult question by the learners and this incorrect tangent information could have given learners anxiety and stress. Happy to award an additional / free 2 (“anxiety”) marks for the overall question. We do regret the typing error.

## REMEDIAL ACTION

Question paper to be marked out of 140 (leaving question 5 out) and converted to 150 marks.

We request that this must be brought to the attention of all educators marking these papers and sincerely apologise for the inconvenience.

Yours in education.



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**MRS P.E. JAPHTHA**  
**(a) CES: ASSESSMENTS INSTRUMENT DEVELOPMENT**  
**AND ITEM BANK MANAGEMENT SUBDIRECTORATE**

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24 November 2023

**DATE**

