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**TO: CHIEF EDUCATION SPECIALISTS  
EDUCATION DEVELOPMENT OFFICERS  
DEPUTY CHIEF EDUCATION SPECIALISTS  
SENIOR EDUCATION SPECIALISTS  
PRINCIPALS OF SCHOOLS IN THE GET AND FET BAND  
TEACHER UNIONS/ORGANISATIONS  
SCHOOL GOVERNING BODIES**

**FROM: CES: INSTRUMENT DEVELOPMENT AND MODERATION  
DIRECTORATE  
MS N. MBELEKI**

**SUBJECT: ERRATA MATHEMATICS P2 GRADE 12 SEPTEMBER 2015**

**DATE: 28 SEPTEMBER 2015**

Regretfully during the marking of Mathematics P2 it was discovered that certain changes had to be made in order to ensure that learners are not disadvantaged. All the above-mentioned are thus requested to ensure that the following errata is brought to the attention of those concerned. We regret any inconvenience caused.

**ERRATA: MATHEMATICS P2 2015 TRIAL**

QUES.	CORRECTION	MARK ALLOCATION
1.1	4 marks for scatter plot as the question paper did not ask for regression line to be drawn	<ul style="list-style-type: none"> <li>✓ first 4 points correct</li> <li>✓ next 2 points correct</li> <li>✓ next 2 points correct</li> <li>✓ remaining 2 points correct</li> </ul> <p style="text-align: right;">(4)</p>
1.5	Equation $y = 18,04 + 0,77x$ obtained in 1.2 may be used and the answer will be <b>72,68</b> Accept answers from <b>72 to 75</b>	<ul style="list-style-type: none"> <li>✓✓ answer</li> </ul> <p style="text-align: right;">(2)</p>

6.4	Correct answer is: $-4 \leq y \leq 2$ OR $[-4; 2]$	✓ interval ✓ values (2)
8.1.3	Since it is stated in the next question that SOQP is a cyclic quad. Correct method is: $\hat{P} + \hat{R} = 180^\circ$ (opp. angles of cyclic quad) $\hat{R} = 180^\circ - (90^\circ - x)$ $\hat{R} = 90^\circ + x$	✓ statement and reason ✓ answer (2)
10.2.3	$\frac{AC}{AD} = \frac{AF}{AC} = \frac{CF}{DC}$ ( $\triangle ACF \sim \triangle ADC$ or similar $\triangle s$ ) $\frac{AC}{AD} = \frac{AF}{AC}$ <b>NOTE:</b> Learners may continue: $AF = \frac{AC \cdot AC}{AD}$ But $AC = AO$ $AF = \frac{AO^2}{AD}$ $AF^2 = \frac{AO^4}{AD^2}$ Some may even say $AF^2 \neq \frac{AO^2}{AD}$ <b>Full 4 marks must be given if the learners accurately reached the step with AF (second line)!</b>	✓ statement ✓ reason ✓✓ choosing correct proportion (with AF) (4)
11.1	The last mark (for conclusion: $\frac{AD}{DB} = \frac{AE}{EC}$ ) must be removed since it is what they were asked to prove. That makes the question out of 6 marks as per the question paper!	(6)
11.2	Last line should be: $\frac{AD}{AB} = \frac{DE}{BC} = \frac{3}{5}$	

Your co-operation in this matter is greatly appreciated.



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