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EDUCATION

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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	✓first 4 points correct ✓next 2 points correct ✓next 2 points correct ✓remaining 2 points correct (4)
1.5	Equation $\boldsymbol{y = 18,04 + 0,77x}$ obtained in **1.2** may be used and the answer will be **72,68** Accept answers from **72 to 75**	✓✓answer (2)

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: $\hat{P} + \hat{R} = 180°$ **(opp. angles of cyclic quad)** $\hat{R} = 180° - (90° - x)$ $\hat{R} = 90° + x$	✓ statement and reason ✓answer (2)
10.2.3	$\frac{AC}{AD} = \frac{AF}{AC} = \frac{CF}{DC}$ (ΔACF /// ΔADC or similar Δs) $\frac{AC}{AD} = \frac{AF}{AC}$ **NOTE:** Learners may continue: AF = $\frac{AC.AC}{AD}$ But AC = AO AF = $\frac{AO^2}{AD}$ $AF^2 = \frac{AO^4}{AD^2}$ Some may even say $AF^2 \neq \frac{AO^2}{AD}$ **Full 4 marks must be given if the learners accurately reached the step with AF (second line)!**	✓ 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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