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TO: **DISTRICTS HEADS OF EXAMINATIONS**
              PRINCIPALS OF SCHOOLS IN THE FET BAND

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

SUBJECT: **ERRATA – PHYSICAL SCIENCES P1 GRADE 12 SEPTEMBER 2017**

DATE: **15 SEPTEMBER 2017**

The Physical Sciences P2 Grade 12 September was written on Thursday, 07 September 2017. It was brought to our attention that during the course of marking a number of corrections and additions were detected.

In order to ensure that a standardised approach to marking is adopted across the Province and ensure that learners are not disadvantaged, the examiner and moderator were asked to prepare an errata which should address all the concerns raised.

ERRATA

	CORRECTIONS	**REMARKS/COMMENT**	**YES/ NO**
1.6	One of the free-body diagrams below shows all forces acting on the ball. **… whilst it is moving up the incline …**	**D** is correct. **ACCEPT C**	**error**
4.3.3	• Statement indicated 7 m from A–C. What the arrow shows does not change the question. • Learners were required to use "**Energy principles**" to calculate the kinetic frictional force between B and C … *"So energy principles must be used"*	**No change. (follow the memo)** • The statement is clearly stating that … **slides down 7 m from A to C on an incline plane.** • Learner **cannot** use kinetic frictional force to calculate kinetic frictional force.	**error**
6.5.1	• The answer is "**AWAY"** as indicated in the memo. • **No correction.**	**Away** at the end of the statement. **No change. (Follow the memo.)**	**No error**

7.3 and 7.4	**No corrections**. Sphere **L** is +2 μC before contact with sphere **M** and became -3 μC after contact with sphere **M**.	**No change. (Follow the memo.)**	**No error**
10.3.2	**No corrections**. Increase remains. The question is not asking anything about intensity which has to do with more ejected electrons but the reference is the threshold. At source **A** – **No electrons** (f < f_o) but at source **B** – **there are electrons** (f > f_o)**.	**No change. (Follow the memo)** Source A has frequency lower than the Threshold frequency … so no electrons will be ejected.(**so number is Zero electrons**) Source B has frequency higher than the threshold frequency … So electrons will be ejected.(**so number is greater than Zero**)	**No error**

We asked that this must be brought to the attention of all educators marking the papers and sincerely apologise for the inconvenience. However, it must be noted that these amendments are required in order to ensure that a fair and equitable assessment of learners can take place.

Yours in education.

MS N. MBELEKI

15 September 2017
DATE