



**HIGHLY CONFIDENTIAL**

**To:** Chief Supervisors, Supervisors and Special Supervisors

**From:** Jenny Morup, Manager Examination Logistics

**Subject:** **2010 WACE examinations: special directions**

**Date:** 12 November 2010

A copy of the attached sheet of special directions for the Engineering Studies Stage 2 WACE examination paper must be distributed to candidates.

Please collect every one of these sheets at the conclusion of the examination and return these special direction sheets to the Curriculum Council with the examination scripts.

Do not photocopy or distribute this special directions sheet to anyone other than the examination candidates.

Please ensure that every candidate receives a sheet.

**Please note:** This memo should be stored in a secure place at all times.



## Special Directions

**MONDAY 15 NOVEMBER, 2:00 pm**

### **ENGINEERING STUDIES – STAGE 2**

Page 12: In Question 14, the first sentence, add 'in Document 1'.

The sentence now reads:

**The following question refers to information provided in Document 1 in the Document booklet.**

Page 13: In Question 14 part (f) (i), delete 'soil' and replace it with 'sand'.

The sentence now reads:

**Sand – Alternating system**

Page 33: In Question 38, in the first sentence, delete 'weighs 5.0 kN and' and add as a second sentence, 'Ignore the weight of the beam.'

The sentences now read:

**A uniform horizontal beam is 3.5 m long. Ignore the weight of the beam.**

Page 45: In Question 41 part (d), in the equation, delete 'axle' and replace it with 'chassis'.

The sentence now reads:

$$\text{Turning circle diameter} = 2 \times \frac{\text{wheelbase}}{\sin \theta} + \text{Distance from chassis centreline to outside of tyre}$$

Page 55: In Question 54, in the second sentence, add 'in Document 2'

The sentence now reads:

**The circuit diagram for the device can be found in Document 2 in the Document Booklet.**

This sheet must be collected by the supervisor at the conclusion of the examination