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Examiners' Report

January 2010

Principal Learning

Engineering EG101
Introducing the Engineering World

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Level 1 Unit 1 Introducing the Engineering World

General Comments

In this series, learners attaining a grade B were expected to be able to answer, correctly, questions 1, 4, 5, 7, 8, 10, 11(b), 12(a), 13(a), 16, 19(a), 19(b), 20(a), 21, 23, 24(c), 25, 27, 28 and 30(d). As a result, learners around this boundary were not expected to be able to answer questions 2, 3, 6, 9, 11(a), 12(b), 12(c), 13(b), 13(c), 13(d), 14, 15, 17, 18, 19(c), 20(b), 22(a), 22(b), 24(a), 24(b), 26, 29, 30(a), 30(b) and 30(c) correctly. The questions that learners around this boundary were expected to be able to answer primarily centred on Learning Outcomes 1 and 3, and they mainly tested learners' knowledge of engineering sectors, processes and environmental factors/energy use.

Further, learners attaining a grade A* were expected to be able to answer, correctly, all of the questions on the paper except 13(b), 13(c), 22(a), 24(b) and 29. The aforementioned questions tested more specific knowledge for all three Learning Outcomes, and tended to be questions where at least 2 of the incorrect [multiple choice] answers were strong distracters.

In future series, centres/consortia may wish to focus on the application, as well as the acquisition, of knowledge, when delivering the unit teaching and learning, in order to assist learners in attaining a higher grade. The more challenging questions on this paper require a competent understanding of the topic or area being addressed.

Statistics

Level 1 Unit 1 Introducing the Engineering World

	Max. Mark	A*	A	B
Raw boundary mark	45	40	30	20
Points Score	4	3	2	1

Notes

Maximum Mark (raw): the mark corresponding to the sum total of the marks shown on the Mark Scheme or Marking Grids.

Raw boundary mark: the minimum mark required by a learner to qualify for a given grade.

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