

Examiners' Report Summer 2010

Principal Learning

Engineering
EG101 Introducing the Engineering World

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1. PRINCIPAL EXAMINER'S REPORT - LEVEL 1 UNIT 1

In this series, learners attaining a grade B were generally able to answer, correctly, questions 1, 2, 3, 7, 11, 14, 19, 20, 21(a), 21(c), 21(d), 22(a), 22(c), 23(a), 23(b), 24(b), 24(d), 26(a), 26(c) and 30. As a result, learners around this boundary were generally not able to answer questions 4, 5, 6, 8, 9, 10, 12, 13, 15, 16, 17, 18, 21(b), 22(b), 22(d), 23(c), 23(d), 24(a), 24(c), 25, 26(b), 26(d), 27, 28 and 29 correctly.

The questions that learners around this boundary were expected to be able to answer primarily centred on aspects of Learning Outcomes 1 and 3, and they mainly tested learners' knowledge of engineering sectors and environmental factors/energy use.

Further, learners attaining a grade A* were generally able to answer, correctly, all of the questions on the paper except 5, 6, 10, 17, 21(b) and 26(d). The aforementioned tested more specific knowledge, and they tended to be questions: a) centred on aspects of Learning Outcomes 1 or 2; b) associated with engineering materials/processes; or c) 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.

2. STATISTICS

2.1. Unit 1 Introducing the Engineering World

	Max. Mark	A*	A	B
Raw boundary mark	45	39	29	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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