

Examiners' Report/
Principal Examiner Feedback

January 2012

Principal Learning

Engineering
EG101 Paper 01

Introducing the Engineering World

Edexcel and BTEC Qualifications

Edexcel and BTEC qualifications come from Pearson, the world's leading learning company. We provide a wide range of qualifications including academic, vocational, occupational and specific programmes for employers. For further information, please call our GCE line on 0844 576 0025, our GCSE team on 0844 576 0027, or visit our qualifications website at www.edexcel.com. For information about our BTEC qualifications, please call 0844 576 0026, or visit our website at www.btec.co.uk.

If you have any subject specific questions about this specification that require the help of a subject specialist, you may find our Ask The Expert email service helpful.

Ask The Expert can be accessed online at the following link:

<http://www.edexcel.com/Aboutus/contact-us/>

Pearson: helping people progress, everywhere

Our aim is to help everyone progress in their lives through education. We believe in every kind of learning, for all kinds of people, wherever they are in the world. We've been involved in education for over 150 years, and by working across 70 countries, in 100 languages, we have built an international reputation for raising achievement through innovation in education. Find out more about how we can help you and your students at: www.pearson.com/uk

January 2012

Publications Code DP030340

All the material in this publication is copyright

© Pearson Education Ltd 2012

EG101_01

Introducing the Engineering World

There were clear patterns in achievement, especially when considering candidates around the Level 1 A/A* boundary. Candidates must have a basic knowledge of engineering sectors, job roles, materials, processes (and their possible applications) and environmental factors/energy use, in order to gain a high mark in this unit. Aspects of such knowledge are also fundamental to the Level 1 Principal Learning as a whole, and hence centres/consortia must ensure candidates have assimilated such information very early in the course.

In this series, candidates attaining a grade B were expected to be able to answer, correctly, Q1, Q2, Q4, Q6, Q9, Q11, Q12, Q13, Q16, Q17, Q18, Q23(a), Q24(b), Q25(a), Q25(c), Q26(a), Q26(b), Q28(a) and Q29(a). The questions that candidates around this boundary were expected to be able to answer primarily centred on aspects of Learning Outcomes 1 and 2, and they mainly tested candidates' knowledge of engineering sectors and materials.

Candidates attaining a grade A* were expected to be able to answer, correctly, all of the questions on the paper except Q3, Q19, Q20, Q23(d), Q24(d) and Q30(a). The aforementioned tested more specific knowledge, and they tended to be questions: a) centred on aspects of Learning Outcomes 2 or 3; b) associated with environmental factors/energy use; or c) where at least 2 of the incorrect [multiple choice] answers were strong distracters.

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

Grade Boundaries

Grade boundaries for this, and all other papers, can be found on the website on this link:

<http://www.edexcel.com/iwantto/Pages/grade-boundaries.aspx>

Further copies of this publication are available from
Edexcel Publications, Adamsway, Mansfield, Notts, NG18 4FN

Telephone 01623 467467

Fax 01623 450481

Email publication.orders@edexcel.com

Order Code DP030340 January 2012

For more information on Edexcel qualifications, please visit
www.edexcel.com/quals

Pearson Education Limited. Registered company number 872828
with its registered office at Edinburgh Gate, Harlow, Essex CM20 2JE

Ofqual



Llywodraeth Cynulliad Cymru
Welsh Assembly Government

