

Mark Scheme for June 2010

OCR (Oxford Cambridge and RSA) is a leading UK awarding body, providing a wide range of qualifications to meet the needs of pupils of all ages and abilities. OCR qualifications include AS/A Levels, Diplomas, GCSEs, OCR Nationals, Functional Skills, Key Skills, Entry Level qualifications, NVQs and vocational qualifications in areas such as IT, business, languages, teaching/training, administration and secretarial skills.

It is also responsible for developing new specifications to meet national requirements and the needs of students and teachers. OCR is a not-for-profit organisation; any surplus made is invested back into the establishment to help towards the development of qualifications and support which keep pace with the changing needs of today's society.

This mark scheme is published as an aid to teachers and students, to indicate the requirements of the examination. It shows the basis on which marks were awarded by Examiners. It does not indicate the details of the discussions which took place at an Examiners' meeting before marking commenced.

All Examiners are instructed that alternative correct answers and unexpected approaches in candidates' scripts must be given marks that fairly reflect the relevant knowledge and skills demonstrated.

Mark schemes should be read in conjunction with the published question papers and the Report on the Examination.

OCR will not enter into any discussion or correspondence in connection with this mark scheme.

© OCR 2010

Any enquiries about publications should be addressed to:

OCR Publications
PO Box 5050
Annesley
NOTTINGHAM
NG15 0DL

Telephone: 0870 770 6622
Facsimile: 01223 552610
E-mail: publications@ocr.org.uk

By nature of the assessment criteria and the type of questions a definitive marking scheme is not available.

Question One

- 1 (a) **“Please identify an engineering achievement that you have researched”.**
(b) **“Explain any human effects which may have resulted from this engineering achievement”.**

Band 1 Limited explanation – award one mark for identifying an engineering achievement and up to two further marks for relevant points about human effects that have resulted from this achievement.

Band 2 Adequate explanation – award one mark for identifying an engineering achievement and up to five marks for including depth or breadth regarding the human effects that have resulted from this achievement.

Band 3 Detailed explanation – award one mark for identifying an engineering achievement and up to nine marks for including clear and logical examples of the human effects that have resulted from this achievement.

Depth: Expansion of a single human effect.

Breadth: Expansion involving multiple human effects.

Question Two

“Please tell me about any economic issues which may have driven the development of the engineering achievement you have researched”.

Band 1 Limited explanation – award one mark for identifying a single economic issue and up to two further marks for relevant points.

Band 2 Adequate explanation – award up to six marks for explaining at least two relevant economic issues involving depth or breadth.

Band 3 Detailed explanation – award up to six marks for explaining at least two relevant economic issues and up to a further four marks for including logical and relevant supporting evidence that demonstrates depth and breadth.

Depth: Expansion of a single economic issue.

Breadth: Expansion involving the linking of economic issues with other issues eg political, social and human effects of economic issues.

Question Three

3 **“Now, for two sectors you have studied, please tell me about the products and services that they provide”.**

Band 1 Limited information – award one mark for stating a sector and up to two further marks for a relevant point relating to the products and services they provide.

Band 2 Adequate information – award two marks for stating at least two sectors and up to four further marks for a response giving depth or breadth about products and services.

Band 3 Detailed information – award two marks for stating at least two sectors and up to a further eight marks for a response giving depth and breadth about products and services including logical and relevant supporting evidence.

Question Four

4 “Now, for one of the sectors you have studied, please tell me about the duties of an employer regarding holiday entitlement”.

Band 1 Limited information – award one mark for stating a sector and up to two further marks for a relevant point relating to holiday entitlement.

Band 2 Adequate information – award one mark for stating a sector and up to five further marks for a response giving depth or breadth relating to holiday entitlement.

Band 3 Detailed information – award one mark for stating a sector and up to a further nine marks for a response giving depth and breadth relating to holiday entitlement including logical and relevant supporting evidence.

Depth: Focussing on a single entitlement in a single sector.

Breadth: Multiple entitlements in a single sector.

Question Five

“Now explain to me the difference between renewable and non-renewable resources giving an example of each resource”.

Band 1 Limited explanation – award one mark for identifying a renewable resource, one mark for identifying a non-renewable resource and one mark for stating the difference between each type of resource.

Band 2 Adequate explanation – award one mark for identifying a renewable resource, one mark for identifying a non-renewable resource and up to four marks for a response which includes relevant supporting examples of the differences between each type of resource.

Band 3 Detailed explanation – award one mark for identifying a renewable resource, one mark for identifying a non-renewable resource and up to eight marks for a response which includes logical and relevant supporting examples of the differences between each type of resource.

Question Six

“What would you, in this circumstance, advise Ian about his rights as an employee”.

Band 1 Limited explanation – award one mark for a basic definition of the rights of an employee, and two marks for making reference to legal responsibilities.

Band 2 Adequate explanation – award one mark for a basic definition of the rights of an employee, two marks for making references to legal responsibilities and up to three further marks for a response which includes relevant examples.

Band 3 Detailed explanation – award one mark for a basic definition of the rights of an employee, three marks for making references to legal responsibilities and up to six further marks for a response which includes logical and relevant examples.

OCR (Oxford Cambridge and RSA Examinations)
1 Hills Road
Cambridge
CB1 2EU

OCR Customer Contact Centre

14 – 19 Qualifications (General)

Telephone: 01223 553998

Facsimile: 01223 552627

Email: general.qualifications@ocr.org.uk

www.ocr.org.uk

For staff training purposes and as part of our quality assurance programme your call may be recorded or monitored

Oxford Cambridge and RSA Examinations
is a Company Limited by Guarantee
Registered in England
Registered Office; 1 Hills Road, Cambridge, CB1 2EU
Registered Company Number: 3484466
OCR is an exempt Charity



OCR (Oxford Cambridge and RSA Examinations)
Head office
Telephone: 01223 552552
Facsimile: 01223 552553