

# OCR

Oxford Cambridge and RSA

# Copyright Acknowledgement Booklet

For the June 2018 Cambridge Technical  
exam series

This booklet contains the acknowledgements for third-party copyright material used in  
OCR Cambridge Technical assessment materials for 14 – 19 Qualifications.



## About the Copyright Acknowledgement Booklet

Prior to the June 2009 examination series, acknowledgements for third-party copyright material were printed on the back page of the relevant exam papers and associated assessment materials. For security purposes, from that series onwards, OCR has created this separate booklet to put all of the acknowledgements, rather than including them in the exam papers or associated assessment materials.

The booklet is published after each examination series, as soon as the assessment materials become available to the public.

It is available online from the OCR website at:

<http://www.ocr.org.uk/i-want-to/prepare-and-practise/past-papers-finder/>

The OCR Copyright Team can be contacted by post at 1 Hills Road, Cambridge, CB1 2EU, or by email at [ocr.copyright@ocr.org.uk](mailto:ocr.copyright@ocr.org.uk).

Where possible, OCR has sought and cleared permission to reproduce items of third-party owned copyright material. Every reasonable effort has been made by OCR to trace copyright holders, but if any items requiring clearance have unwittingly been included, please contact the Copyright Team at the addresses above and OCR will be pleased to make amends at the earliest possible opportunity.

## How to find an acknowledgement

Each acknowledgement is filed firstly by subject and then under the unit number of the exam paper in which the copyright material appears.

Where an exam paper has more than one document associated with it, each document is identified with its separate acknowledgements.

**From the January 2013 series onwards, only the examination material containing third party material will be included in the Acknowledgement Booklet. Therefore please assume that any exam papers or subject areas not listed in this booklet are entirely © OCR.**

## Table of Contents

|   |    |
|---|----|
| Level 3 Business.....                     | 4  |
| Level 3 Business (cont).....              | 5  |
| Level 3 Digital Media.....                | 6  |
| Level 3 Engineering .....                 | 7  |
| Level 2 Health & Social Care .....        | 8  |
| Level 3 Health & Social Care .....        | 9  |
| Level 3 Health & Social Care (cont) ..... | 10 |
| Level 2 IT.....                           | 11 |
| Level 3 IT.....                           | 11 |
| Level 3 Laboratory Skills.....            | 12 |
| Level 3 Laboratory Skills (cont).....     | 13 |
| Level 3 Laboratory Skills (cont).....     | 14 |
| Level 3 Performing Arts .....             | 15 |
| Level 2 Sport.....                        | 16 |
| Level 3 Sport.....                        | 17 |

| <b>Level 3 Business</b>                  |   |                              |                    |  |
|--|---|------------------------------|--------------------|--|
| <b>05834, 05835, 05836, 05837, 05878</b> | <b>Unit 1: The business environment</b> | Question Paper/ Insert       |                    | Any reference to existing companies or organisations is entirely coincidental and is not intended as a depiction of those companies or organisations.  |
| <b>05834, 05835, 05836, 05837, 05878</b> | <b>Unit 2: Working in business</b>      | Question Paper               |                    | Any reference to existing companies or organisations is entirely coincidental and is not intended as a depiction of those companies or organisations.  |
| <b>05834, 05835, 05836, 05837, 05878</b> | <b>Unit 3: Business decisions</b>       | Question Paper<br><br>Insert | Appendix 1 (Image) | Any reference to existing companies or organisations is entirely coincidental and is not intended as a depiction of those companies or organisations.<br><br>www.ons.gov.uk, Office for National Statistics. Reproduced under the terms of the Open Government Licence v3.0.   |
| <b>05834, 05835, 05836, 05837, 05878</b> | <b>Unit 9: Human resources</b>          | Question Paper               |                    | Any reference to existing companies or organisations is entirely coincidental and is not intended as a depiction of those companies or organisations.  |
| <b>05834, 05835, 05836, 05837, 05878</b> | <b>Unit 10: Economics for business</b>  | Question Paper               |                    | Adapted from How Sony, Microsoft, and Nintendo are preparing for their gaming future, March 2017, www.fortune.com, Fortune. Permission to reproduce all copyright material has been applied for. In some cases, efforts to contact copyright-holders have been unsuccessful and OCR will be happy to rectify any omissions of acknowledgements in future papers if notified. |



### Level 3 Digital Media

|  |  |                       |  |   |
|--|--|-----------------------|--|---|
| <b>05843, 05844, 05845,<br/>05846, 05875</b> | <b>Unit 1: Media products and audiences</b>      | Question Paper/Insert |  | Any reference to existing companies or organisations is entirely coincidental and is not intended as a depiction of those companies or organisations. |
| <b>05843, 05844, 05845,<br/>05846, 05875</b> | <b>Unit 2: Pre-production and planning</b>       | Question Paper/Insert |  | Any reference to existing companies or organisations is entirely coincidental and is not intended as a depiction of those companies or organisations. |
| <b>05843, 05844, 05845,<br/>05846, 05875</b> | <b>Unit 6: Social media and globalisation</b>    | Question Paper        |  | Any reference to existing companies or organisations is entirely coincidental and is not intended as a depiction of those companies or organisations. |
| <b>05843, 05844, 05845,<br/>05846, 05875</b> | <b>Unit 25: Research for product development</b> | Question Paper        |  | Any reference to existing companies or organisations is entirely coincidental and is not intended as a depiction of those companies or organisations. |

### Level 3 Engineering

|  |  |                |                    |  |
|--|--|----------------|--------------------|--|
| <b>05822, 05823, 05824, 05825, 05873</b> | <b>Unit 1: Mathematics for engineering</b>                         | Question Paper |                    | Any reference to existing companies or organisations is entirely coincidental and is not intended as a depiction of those companies or organisations.                |
| <b>05822, 05823, 05824, 05825, 05873</b> | <b>Unit 2: Science for engineering</b>                             | Question Paper | Q6, Fig. 7 (Image) | YA Çengel & MA Boles, Thermodynamics: an engineering approach, APA (6th ed) p107, Boston: McGraw-Hill, 2001. Item removed due to third party copyright restrictions. |
| <b>05822, 05823, 05824, 05825, 05873</b> | <b>Unit 3: Principles of mechanical engineering</b>                | Question Paper |                    | Any reference to existing companies or organisations is entirely coincidental and is not intended as a depiction of those companies or organisations.                |
| <b>05822, 05823, 05824, 05825, 05873</b> | <b>Unit 4: Principles of electrical and electronic engineering</b> | Question Paper |                    | Any reference to existing companies or organisations is entirely coincidental and is not intended as a depiction of those companies or organisations.                |
| <b>05822, 05823, 05824, 05825, 05873</b> | <b>Unit 23: Applied mathematics for engineering</b>                | Question Paper |                    | Any reference to existing companies or organisations is entirely coincidental and is not intended as a depiction of those companies or organisations.                |
| <b>05822, 05823, 05824, 05825, 05873</b> | <b>Unit 24: Project management for engineers</b>                   | Question Paper |                    | Any reference to existing companies or organisations is entirely coincidental and is not intended as a depiction of those companies or organisations.                |

## Level 2 Health & Social Care

|                     |  |                |  |  |
|---------------------|--|----------------|--|--|
| <b>05880, 05881</b> | <b>Unit 1A: Principles of working in health, social care and childcare</b> | Question Paper | Q8 (Image)   | © RUSSELLTATEdotCOM, iStock, www.istockphoto.com   |
| <b>05880, 05881</b> | <b>Unit 2: Health and safety in practice</b>                               | Question Paper | Q1(e)<br>Picture 1 (Image)<br><br>Q1(e)<br>Picture 2 (Image) | © brinkstock, iStock, www.istockphoto.com<br><br>© red_pepper82, iStock, www.istockphoto.com |



### Level 3 Health & Social Care

|  |   |                |            |   |
|--|---|----------------|------------|---|
| <b>05830, 05831, 05832, 05833, 05871</b> | <b>Unit 2: Equality, diversity and rights in health and social care</b> | Question Paper | Q3         | Adapted from Celebrating good care, championing outstanding care, April 2017, <a href="http://www.cqc.org.uk">www.cqc.org.uk</a> , Care Quality Commission. Reproduced under the terms of the Open Government Licence v3.0. |
| <b>05830, 05831, 05832, 05833, 05871</b> | <b>Unit 3: Health, safety and security in health and social care</b>    | Question Paper |            | Any reference to existing companies or organisations is entirely coincidental and is not intended as a depiction of those companies or organisations.   |
| <b>05830, 05831, 05832, 05833, 05871</b> | <b>Unit 4: Anatomy and physiology for health and social care</b>        | Question Paper | Q2 (Image) | © Christos Georghiou, Shutterstock Photo Library, <a href="http://www.shutterstock.com">www.shutterstock.com</a>  |
| <b>05830, 05831, 05832, 05833, 05871</b> | <b>Unit 6: Personalisation and a person-centred approach to care</b>    | Question Paper |            | Any reference to existing companies or organisations is entirely coincidental and is not intended as a depiction of those companies or organisations.   |
| <b>05830, 05831, 05832, 05833, 05871</b> | <b>Unit 7: Safeguarding</b>   | Question Paper |            | Any reference to existing companies or organisations is entirely coincidental and is not intended as a depiction of those companies or organisations.   |



### Level 2 IT

|                     |   |                |                            |   |
|---------------------|---|----------------|----------------------------|---|
| <b>05883, 05884</b> | <b>Unit 1A: Essentials of IT</b>            | Question Paper | Q37 (Image)<br>Q39 (Image) | © Microsoft<br>© Microsoft  |
| <b>05883, 05884</b> | <b>Unit 2: Essentials of Cyber Security</b> | Question Paper |                            | Any reference to existing companies or organisations is entirely coincidental and is not intended as a depiction of those companies or organisations. |

### Level 3 IT

|   |                                   |                       |             |   |
|---|-----------------------------------|-----------------------|-------------|---|
| <b>05838, 05839, 05840, 05841, 05842, 05877</b> | <b>Unit 1: Fundamentals of IT</b> | Question Paper        |             | Any reference to existing companies or organisations is entirely coincidental and is not intended as a depiction of those companies or organisations. |
| <b>05838, 05839, 05840, 05841, 05842, 05877</b> | <b>Unit 2: Global information</b> | Question Paper/Insert |             | Any reference to existing companies or organisations is entirely coincidental and is not intended as a depiction of those companies or organisations. |
| <b>05838, 05839, 05840, 05841, 05842, 05877</b> | <b>Unit 3: Cyber security</b>     | Question Paper/Insert |             | Any reference to existing companies or organisations is entirely coincidental and is not intended as a depiction of those companies or organisations. |
| <b>05838, 05839, 05840, 05841, 05842, 05877</b> | <b>Unit CC: Cloud Technology</b>  | Question Paper        | Q20 (Image) | © Microsoft   |

### Level 3 Laboratory Skills

|   |  |                           |   |  |
|---|--|---------------------------|---|--|
| <p><b>05847, 05848, 05849,<br/>05874, 05879</b></p> | <p><b>Unit 1: Science fundamentals</b></p> | <p>Question<br/>Paper</p> | <p>Q3(a),<br/>Fig. 3.1<br/>(Image)</p> <p>Q3(c), Fig. 3.2<br/>(Left image)</p> <p>Q3(c), Fig. 3.2<br/>(Right image)</p> <p>Q5(d),<br/>Table 5.2</p> | <p>© Lutz Slomianka, <a href="http://www.lab.anhb.uwa.edu.au">www.lab.anhb.uwa.edu.au</a>, School of Anatomy and Human Biology, The University of Western Australia. Reproduced by kind permission of The University of Western Australia.</p> <p><a href="http://www.lab.anhb.uwa.edu.au">www.lab.anhb.uwa.edu.au</a>, School of Anatomy and Human Biology, The University of Western Australia. Permission to reproduce all copyright material has been applied for. In some cases, efforts to contact copyright-holders have been unsuccessful and OCR will be happy to rectify any omissions of acknowledgements in future papers if notified.</p> <p><a href="http://www.neuromuscular.wustle.edu">www.neuromuscular.wustle.edu</a>, Neuromuscular Division, Washington University. Permission to reproduce all copyright material has been applied for. In some cases, efforts to contact copyright-holders have been unsuccessful and OCR will be happy to rectify any omissions of acknowledgements in future papers if notified.</p> <p>Adapted from Occupational and Environmental Medicine, Persisting risk of nickel related lung cancer and nasal cancer among Clydach refiners, 2006, <a href="http://www.bmj.org">www.bmj.org</a>, BMJ Publishing. Permission to reproduce all copyright material has been applied for. In some cases, efforts to contact copyright-holders have been unsuccessful and OCR will be happy to rectify any omissions of acknowledgements in future papers if notified.</p> |
|---|--|---------------------------|---|--|

### Level 3 Laboratory Skills (cont)

|  |  |                |  |  |
|--|--|----------------|--|--|
| <b>05847, 05848, 05849, 05874, 05879</b> | <b>Unit 1: Science fundamentals</b>              | Question Paper | Q7, Fig. 7.1 (Image)   | © Vaclav Volrab, Shutterstock Photo Library, <a href="http://www.shutterstock.com">www.shutterstock.com</a>  |
| <b>05847, 05848, 05849, 05874, 05879</b> | <b>Unit 2: Laboratory techniques</b>             | Question Paper | Q4(b), Fig. 4.1 (Image)<br><br>Q4(c), Fig. 4.2 (Image)                       | © OZaiachin, Shutterstock Photo Library, <a href="http://www.shutterstock.com">www.shutterstock.com</a><br><br><a href="http://www.pathology.osu.edu">www.pathology.osu.edu</a> , Department of Pathology The Ohio State University College of Medicine. Reproduced by permission of The Ohio State University College of Medicine.  |
| <b>05847, 05848, 05849, 05874, 05879</b> | <b>Unit 3: Scientific analysis and reporting</b> | Question Paper | Q1, Fig. 1.1 (Image)<br><br>Q3, Fig. 3.1 (Image)<br><br>Q7, Fig. 7.1 (Image) | <a href="http://www.pixabay.com">www.pixabay.com</a> , pixabay. Reproduced under the terms of Creative Commons CC0.<br><br><a href="http://www.en.wikipedia.org">www.en.wikipedia.org</a> , Wikipedia. Reproduced under the terms of the Creative Commons Attribution-ShareAlike 3.0.<br><br><a href="http://www.vcbio.science.ru.nl">www.vcbio.science.ru.nl</a> , Faculty of Science, Mathematics and Computing Science, Radboud University Nijmegen. Permission to reproduce all copyright material has been applied for. In some cases, efforts to contact copyright-holders have been unsuccessful and OCR will be happy to rectify any omissions of acknowledgements in future papers if notified. |

### Level 3 Laboratory Skills (cont)

|  |  |                |                         |   |
|--|--|----------------|-------------------------|---|
| <b>05847, 05848, 05849,<br/>05874, 05879</b> | <b>Unit 3: Scientific analysis and reporting</b> | Question Paper | Q8<br>Table 8.1 and 8.2 | Adapted from, Living near major roads and the incidence of dementia, Parkinson's disease and multiple sclerosis: a population-based cohort study, 2017, www.thelancet.com, The Lancet. Permission to reproduce all copyright material has been applied for. In some cases, efforts to contact copyright-holders have been unsuccessful and OCR will be happy to rectify any omissions of acknowledgements in future papers if notified. |
|--|--|----------------|-------------------------|---|

### Level 3 Performing Arts

|  |  |                |  |   |
|--|--|----------------|--|---|
| <b>05850, 05851, 05852,<br/>05853, 05876</b> | <b>Unit 1: Prepare to work in the performing arts sector</b> | Pre-release    |  | Any reference to existing companies or organisations is entirely coincidental and is not intended as a depiction of those companies or organisations. |
| <b>05850, 05851, 05852,<br/>05853, 05876</b> | <b>Unit 2C: Proposal for a commissioning brief</b>           | Pre-release    |  | Any reference to existing companies or organisations is entirely coincidental and is not intended as a depiction of those companies or organisations. |
| <b>05850, 05851, 05852,<br/>05853, 05876</b> | <b>Unit 32: Arts administration</b>                          | Question Paper |  | Any reference to existing companies or organisations is entirely coincidental and is not intended as a depiction of those companies or organisations. |

## Level 2 Sport

|                     |   |                |   |   |
|---------------------|---|----------------|---|---|
| <b>05885, 05886</b> | <b>Unit 1A: Physical activity, health and wellbeing</b>                           | Question Paper | Q10, 11, 12<br>Fig. 3 (Image)<br><br>Q36, Fig. 5<br>(Image)<br><br>Q37, Fig. 6<br>(Image) | © decade3d - anatomy online, Shutterstock Photo Library, www.shutterstock.com<br><br>www.sportengland.org, Active Lives Adult Survey Report – Gender, May 2016/2017, Sport England. Reproduced by permission of Sport England.<br><br>www.sportengland.org, Active Lives Adult Survey Report – Disability, May 2016/2017, Sport England. Reproduced by permission of Sport England. |
| <b>05885, 05886</b> | <b>Unit 2: Physical preparation and readiness for sport and physical activity</b> | Question Paper |   | Any reference to existing companies or organisations is entirely coincidental and is not intended as a depiction of those companies or organisations.   |



### Level 3 Sport

|  |  |                |  |  |
|--|--|----------------|--|--|
| <b>05826, 05827, 05828, 05829, 05872</b> | <b>Unit 1: Body systems and the effects of physical activity</b>     | Question Paper | Q11, Fig. 11 (Image)<br><br>Q12, Fig. 12 (Image)<br><br>Q14, Fig. 14 (Image)<br><br>Q19, Fig. 19 (Image) | © Orla, Shutterstock Photo Library, <a href="http://www.shutterstock.com">www.shutterstock.com</a><br><br>© ostill, Shutterstock Photo Library, <a href="http://www.shutterstock.com">www.shutterstock.com</a><br><br>© Mihai Blanaru, Shutterstock Photo Library, <a href="http://www.shutterstock.com">www.shutterstock.com</a><br><br>© BlueRingMedia, Shutterstock Photo Library, <a href="http://www.shutterstock.com">www.shutterstock.com</a> |
| <b>05826, 05827, 05828, 05829, 05872</b> | <b>Unit 3: Sports organisation and development</b>                   | Question Paper |  | Any reference to existing companies or organisations is entirely coincidental and is not intended as a depiction of those companies or organisations.  |
| <b>05826, 05827, 05828, 05829, 05872</b> | <b>Unit 4: Working safely in sport, exercise, health and leisure</b> | Question Paper |  | Any reference to existing companies or organisations is entirely coincidental and is not intended as a depiction of those companies or organisations.  |
| <b>05826, 05827, 05828, 05829, 05872</b> | <b>Unit 21: The business of sport</b>                                | Question Paper | Section C<br>Q17   | Adapted from World Twenty20 2016: Runs, money and power – how T20 has changed the world, March 2016, BBC Sport, <a href="http://www.bbc.co.uk">www.bbc.co.uk</a> .<br>Reproduced by permission of Getty Images.  |

---

**[www.ocr.org.uk](http://www.ocr.org.uk)**

OCR customer contact centre

**Vocational Qualifications**

Telephone 024 76 851509

Email [vocational.qualifications@ocr.org.uk](mailto:vocational.qualifications@ocr.org.uk)

**General Qualifications**

Telephone 01223 553998

Email [general.qualifications@ocr.org.uk](mailto:general.qualifications@ocr.org.uk)

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

© OCR 2018 Oxford Cambridge and RSA Examinations is a Company Limited by Guarantee. Registered in England.

Registered office The Triangle Building, Shaftesbury Road, Cambridge, CB2 8EA. Registered company number 3484466.

OCR is an exempt charity



**Cambridge  
Assessment**



FS 27093