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Level 3 Applied Science

| Level 3 Applied Science | | | | |
|--|--------------------------------------|----------------|-------------------------|---|
| 05847, 05848, 05849, 05874, 05879 | Unit 1: Science fundamentals | Question Paper | Q2(a), Fig. 2.1 (Image) | © igorstevanovic, Shutterstock Photo Library, www.shutterstock.com |
| 05847, 05848, 05849, 05874, 05879 | Unit 2: Laboratory techniques | Question Paper | Q1(a) (Images) | Reproduced under the terms of Creative Commons Attribution-ShareAlike 3.0 Unported (CC BY-SA 3.0). |
| | | | Q2(d), Fig. 2.2 (Image) | Reproduced under the terms of Creative Commons Attribution 4.0 International (CC BY 4.0). |
| | | | Q4(c), Fig. 4.1 (Image) | © A Luna Blue, Shutterstock Photo Library, www.shutterstock.com |
| | | | Q6(b), Fig.6.1 (Image) | www.swabiobuilders.weebly.com, Swabiobuilders, 7 December 2018. 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. |
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Level 3 Applied Science (cont)

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|---|---|--|--|---|
| <p>05847, 05848, 05849, 05874, 05879</p> | <p>Unit 3: Scientific analysis and reporting</p> | <p>Question Paper</p> | <p>Q3(a)(iii), Fig. 3.1 (Graph)</p> | <p>M Losertova, M Štamborska, J Lapin & V Mares, <i>Comparison of deformation behaviour of 316L stainless steel and Ti6Al4V alloy applied in traumatology</i>, January 2016, www.researchgate.net. 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>05847, 05848, 05849, 05874, 05879</p> | <p>Unit 22: Global scientific information</p> | <p>Question Paper</p> <p>Pre-release</p> | <p>Q4 (Image)</p> <p>Q6 (Image)</p> <p>Image 1</p> <p>Image 2</p> <p>Image 3</p> | <p>© travenian, iStock, www.istockphoto.com</p> <p>www.msr.ch, MSR Electronics GmbH. Reproduced by permission of MSR Electronics GmbH.</p> <p>© Idutko, Shutterstock Photo Library, www.shutterstock.com</p> <p>© Nordroden, Shutterstock Photo Library, www.shutterstock.com</p> <p>© Lordn, Shutterstock Photo Library, www.shutterstock.com</p> |

Level 3 Applied Science (cont)

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| 05847, 05848, 05849, 05874, 05879 | Unit 23: Scientific research techniques | Question Paper | Q3 (Text) | © Azian Abdullah & Jon Scaife, <i>Teaching about NOS in secondary education: a view from multicultural classrooms</i> , p79, School Science Review No (78) (285), 1987. Reproduced by permission of The Association for Science Education. |
| | | Pre-release | Source A (Text) | <i>What are Neonicotinoids? How do neonics work? Why are neonics so bad for bees?</i> April 2017, www.pan-uk.org, Pesticide Action Network UK. Reproduced by permission of Pesticide Action Network UK. |
| | | | Source B (Image) | © Fotokostic, Shutterstock Photo Library, www.shutterstock.com |
| | | | Source B (Text) | <i>Neonicotinoids and pollinator health – Background, Neonicotinoids and pollinator health – The evidence</i> , www.pesticidesinperspective.org.uk, Crop Protection Association. Reproduced by permission of Crop Protection Association. |

Level 2 Business

| Level 2 Business | | | | |
|-------------------------|---|---------------------|--|---|
| 05891, 05892 | Unit 1: Principles of working in business administration | Computer Based Test | | Any reference to existing companies or organisations is entirely coincidental and is not intended as a depiction of those companies or organisations. |
| 05891, 05892 | Unit 2: Understand the role of the administrator | Computer Based Test | | Any reference to existing companies or organisations is entirely coincidental and is not intended as a depiction of those companies or organisations. |

| Level 3 Business | | | | |
|--|---|--------------------------------|---|---|
| 05834, 05835, 05836, 05837, 05878 | Unit 1: The business environment | Question Paper/ Pre-release | Fig. 1 (Graph) Fig. 2 (Graph) | www.statista.com, Statista. Reproduced under the terms of Open Government Licence 3.0. |
| 05834, 05835, 05836, 05837, 05878 | Unit 2: Working in business | Question Paper | | Any reference to existing companies or organisations is entirely coincidental and is not intended as a depiction of those companies or organisations. |
| 05834, 05835, 05836, 05837, 05878 | Unit 3: Business decisions | Pre-release/ Insert | Appendix A (Text) Appendix B (Graph) | Adapted from Elias Jahshan, <i>Retail footfall takes a hit over Christmas</i> , 12 January 2018, www.retailgazette.co.uk, Retail Gazette © IPSOS Retail Performance. 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. www.ons.gov.uk, Office for National Statistics. Reproduced under the terms of Open Government Licence 3.0. |
| 05834, 05835, 05836, 05837, 05878 | Unit 9: Human resources | Question Paper | | Any reference to existing companies or organisations is entirely coincidental and is not intended as a depiction of those companies or organisations. |
| 05834, 05835, 05836, 05837, 05878 | Unit 10: Economics for business | 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 Business (cont)

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| 05834, 05835, 05836, 05837, 05878 | Unit 15: Change management | Question Paper/ Resource Booklet | | Any reference to existing companies or organisations is entirely coincidental and is not intended as a depiction of those companies or organisations. |
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Level 2 Digital Media

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|---------------------|--|---------------------|-----|---|
| 05897, 05899 | Unit 1: Digital media and emerging technologies | Computer Based Test | Q15 | Reproduced under the terms of Creative Commons (CC) license. |
| 05897, 05899 | Unit 2: Principles of concept design and pre-production | Pre-release | | Any reference to existing companies or organisations is entirely coincidental and is not intended as a depiction of those companies or organisations. |

Level 3 Digital Media (cont)

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|--|--|-----------------------------------|--|---|
| 05843, 05844, 05845, 05846, 05875 | Unit 25: Research for product development | Question Paper/ Pre-release | | Any reference to existing companies or organisations is entirely coincidental and is not intended as a depiction of those companies or organisations. |
|--|--|-----------------------------------|--|---|

Level 2 Engineering

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|---------------------|--|---------------------|--|---|
| 05887, 05888 | Unit 1: Fundamentals of mechanical, electrical/electronic and fluid power engineering | Computer Based Test | | Any reference to existing companies or organisations is entirely coincidental and is not intended as a depiction of those companies or organisations. |
| 05887, 05888 | Unit 2: Application of engineering principles | Computer Based Test | | 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

| | | | | |
|--|--|----------------|----------------------|---|
| 05822, 05823, 05824, 05825, 05873 | Unit 1: Mathematics for engineering | Question Paper | | Any reference to existing companies or organisations is entirely coincidental and is not intended as a depiction of those companies or organisations. |
| 05822, 05823, 05824, 05825, 05873 | Unit 2: Science for engineering | Question Paper | Q2(b) Fig. 1 (Image) | www.media.daimler.com, Daimler Benz, 19 November 2015. Reproduced by permission of Daimler Benz. |
| 05822, 05823, 05824, 05825, 05873 | Unit 3: Principles of mechanical engineering | Question Paper | | Any reference to existing companies or organisations is entirely coincidental and is not intended as a depiction of those companies or organisations. |
| 05822, 05823, 05824, 05825, 05873 | Unit 4: Principles of electrical and electronic engineering | Question Paper | | Any reference to existing companies or organisations is entirely coincidental and is not intended as a depiction of those companies or organisations. |
| 05822, 05823, 05824, 05825, 05873 | Unit 24: Project management for engineers | 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

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|---------------------|---|---------------------|--|---|
| 05880, 05881 | Unit 1: Principles of working in health, social care and childcare | Computer Based Test | | Any reference to existing companies or organisations is entirely coincidental and is not intended as a depiction of those companies or organisations. |
| 05880, 05881 | Unit 2: Health and safety in practice | Computer Based Test | | Any reference to existing companies or organisations is entirely coincidental and is not intended as a depiction of those companies or organisations. |

Level 3 Health & Social Care

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|--|---|----------------|---------------|---|
| 05830, 05831, 05832, 05833, 05871 | Unit 2: Equality, diversity and rights in health and social care | Question Paper | Q2 (Text) | Adapted text from CareQuality Commission Inspection Report, www.cqc.org.uk , CareQuality Commission, 29 May 2018. Reproduced under the terms of the Open Government Licence 3.0. |
| 05830, 05831, 05832, 05833, 05871 | Unit 3: Health, safety and security in health and social care | Question Paper | | Any reference to existing companies or organisations is entirely coincidental and is not intended as a depiction of those companies or organisations. |
| 05830, 05831, 05832, 05833, 05871 | Unit 4: Anatomy and physiology for health and social care | Question Paper | Q4(c) (Image) | Adapted from www.etc.usf.edu , Educational Technology Clearinghouse, Florida Center for Instructional Technology, College of Education, 2019. Reproduced by permission of the University of South Florida. |
| 05830, 05831, 05832, 05833, 05871 | Unit 6: Personalisation and a person-centred approach to care | Question Paper | | Any reference to existing companies or organisations is entirely coincidental and is not intended as a depiction of those companies or organisations. |
| 05830, 05831, 05832, 05833, 05871 | Unit 7: Safeguarding | 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 Health & Social Care (cont)

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|---|--|--------------------|---|---|
| <p>05830, 05831, 05832, 05833, 05871</p> | <p>Unit 25: Research methods in health, social care and childcare</p> | <p>Pre-release</p> | <p>Source A</p> <p>Source B</p> <p>Source C</p> | <p>Adapted from <i>Children's Well-being in UK, Sweden and Spain: The Role of Inequality and Materialism, A Qualitative Study</i>, Ipsos MORI Social Research Institute in partnership with Dr Agnes Nairn, June 2011, www.unicef.org.uk, UNICEF. 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>Manjulaa Narasimhan, Luisa Orza, Alice Welbourn, Susan Bewley, Tyler Crone & Marijo Vazquezf, <i>Sexual and reproductive health and human rights of women living with HIV: a global community survey</i>, February 2016, www.who.int, Bulletin of the World Health Organization. Reproduced under the terms of the Creative Commons Attribution CC BY 3.0 IGO.</p> <p>Adapted from <i>Uncharted Territory: A report into the first generation growing older with HIV</i>, January 2017, www.tht.org.uk, Terrence Higgins Trust. Reproduced by permission of Terrence Higgins Trust (THT).</p> |
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Level 2 IT

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| 05883, 05884 | Unit 1: Essentials of IT | Computer Based Test | Q20 (Image) | © IB Photography, Shutterstock Photo Library, www.shutterstock.com |
| 05883, 05884 | Unit 2: Essentials of Cyber Security | Computer Based Test | | 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 | | | | |
|---|-----------------------------------|-----------------------------------|--|---|
| 05838, 05839, 05840, 05841, 05842, 05877 | Unit 1: Fundamentals of IT | Question Paper | | Any reference to existing companies or organisations is entirely coincidental and is not intended as a depiction of those companies or organisations. |
| 05838, 05839, 05840, 05841, 05842, 05877 | Unit 2: Global information | Question Paper/ Pre-release | | Any reference to existing companies or organisations is entirely coincidental and is not intended as a depiction of those companies or organisations. |
| 05838, 05839, 05840, 05841, 05842, 05877 | Unit 3: Cyber security | Question Paper/ Pre-release | | Any reference to existing companies or organisations is entirely coincidental and is not intended as a depiction of those companies or organisations. |
| 05838, 05839, 05840, 05841, 05842, 05877 | Unit CC: Cloud Technology | Computer Based Test | | Any reference to existing companies or organisations is entirely coincidental and is not intended as a depiction of those companies or organisations. |

Level 3 Performing Arts

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| 05850, 05851, 05852, 05853, 05876 | Unit 1: Prepare to work in the performing arts sector | Pre-release | | Any reference to existing companies or organisations is entirely coincidental and is not intended as a depiction of those companies or organisations. |
| 05850, 05851, 05852, 05853, 05876 | Unit 2C: Proposal for a commissioning brief | Pre-release | | Any reference to existing companies or organisations is entirely coincidental and is not intended as a depiction of those companies or organisations. |
| 05850, 05851, 05852, 05853, 05876 | Unit 3: Influential performance practice | Pre-release | | Any reference to existing companies or organisations is entirely coincidental and is not intended as a depiction of those companies or organisations. |
| 05850, 05851, 05852, 05853, 05876 | Unit 32: Arts administration | Question Paper | | Any reference to existing companies or organisations is entirely coincidental and is not intended as a depiction of those companies or organisations. |
| 05850, 05851, 05852, 05853, 05876 | Unit 33: Original performance | Pre-release | Performance Stimulus 1 (Image) Performance Stimulus 2 (Quote) | © Marc Ayres, Shutterstock Photo Library, www.shutterstock.com Reproduced under the terms of Creative Commons Attribution-ShareAlike 3.0 Unported (CC BY-SA 3.0). |

Level 2 Sport

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| 05885, 05886 | Unit 1: Physical activity, health and wellbeing | Computer Based Test | Q35/36, Fig. 4 (Image) | www.sportengland.org, Sport England. Reproduced by permission of Sport England. |
| 05885, 05886 | Unit 2: Physical preparation and readiness for sport and physical activity | Computer Based Test | | 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 | | | | |
|--|--|----------------|---------------------|--|
| 05826, 05827, 05828, 05829, 05872 | Unit 1: Body systems and the effects of physical activity | Question Paper | Q15, Fig.15 (Image) | © NoPainNoGain, Shutterstock Photo Library, www.shutterstock.com |
| 05826, 05827, 05828, 05829, 05872 | Unit 3: Sports organisation and development | Question Paper | Q1(b) | Bray, Chapman, Myatt, Bointon, Short & Martin, <i>Cambridge Technicals Level 3 Sport and Physical Activity</i> , p44, Hodder Education, 2016. 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. |
| | | | Q3(a) | Adapted from <i>London 2012 legacy continues to be felt across the UK</i> , 25 July 2014, www.olympic.org, International Olympic Committee (IOC). Reproduced by permission of International Olympic Committee. |
| 05826, 05827, 05828, 05829, 05872 | Unit 4: Working safely in sport, exercise, health and leisure | Question Paper | | Any reference to existing companies or organisations is entirely coincidental and is not intended as a depiction of those companies or organisations. |
| 05826, 05827, 05828, 05829, 05872 | Unit 21: The business of sport | Question Paper | Section C (Text) | Adapted from <i>New York Rugby League: RFL considers US team and relocation of Hemel Stags</i> , 18 March 2019, © BBC Sport, www.bbc.co.uk. 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. |

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|---|--|---------------------------|-----------------------------|--|
| <p>05826, 05827, 05828, 05829, 05872</p> | <p>Unit 21: The business of sport</p> | <p>Question Paper</p> | <p>Section C (Text)</p> | <p>Adapted from <i>New York rugby league bid chief Ricky Wilby confident of winning Championship and League One clubs round</i>, 20 March 2019, North West Evening Mail, www.nwemail.co.uk, © Press Association. 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> |
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