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For the January 2023 exam series

V1.0 January 2023

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9641			
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EC02 QP	Table 2 Table 3 Fig 2		Effects of taxes and benefits on UK household income: financial year ending 2019. Contains public sector information licensed under the Open Government Licence v3.0. Based on data from OECD (2021), Social spending (indicator). doi: 10.1787/7497563b-en (Accessed in March 2021) Worlds Nominal GDP growth and World's annual inflation rate – World Bank Data used under the Creative Commons Attribution 4.0 International Licence
ECONOMICS A-level			
9642			
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GEOGRAPHY**Geography AS****9636**

GG01A	Fig 1 Fig 2		Source OCHA/ReliefWeb Livingstone, I., Bristow, C., Bryant, R.G., Bullard, J., White, K., Wiggs, G.F., Baas, A.C., Bateman, M.D. and Thomas, D.S., 2010. The Namib Sand Sea digital database of aeolian dunes and key forcing variables. <i>Aeolian Research</i> , 2(2-3), pp.93-104. https://doi.org/10.1016/j.aeolia.2010.08.001
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	Fig 3		

Geography A-level**9637**

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GG04	Fig 2a		Source: Euromonitor International

SCIENCE			
BIOLOGY AS			
9611			
BL01		Fig 1 Fig 6	C015/0851 Animal cell, TEM © BIOPHOTO ASSOCIATES / SCIENCE PHOTO LIBRARY 328544999 Typical large Acacia tree in the open savanna plains of East Africa, Etosha, Namibia © Artush/Shutterstock
BL02		Fig 2 Fig 3 Fig 4 Fig 6	Adapted from Tam, S.H.; McCarthy, S.G.; Armstrong, A.A.; Somani, S.; Wu, S.-J.; Liu, X.; Gervais, A.; Ernst, R.; Saro, D.; Decker, R.; Luo, J.; Gilliland, G.L.; Chiu, M.L.; Scallon, B.J. Functional, Biophysical, and Structural Characterization of Human IgG1 and IgG4 Fc Variants with Ablated Immune Functionality. <i>Antibodies</i> 2017, 6, 12. https://doi.org/10.3390/antib6030012 Creative Commons Licence CC-BY 4.0 Martine Armand, Bérengère Pasquier, Marc André, Patrick Borel, Michèle Senft, Jacques Peyrot, Jacques Salducci, Henri Portugal, Véronique Jaussan, Denis Lairon, Digestion and absorption of 2 fat emulsions with different droplet sizes in the human digestive tract, <i>The American Journal of Clinical Nutrition</i> , Volume 70, Issue 6, December 1999, Pages 1096–1106, https://doi.org/10.1093/ajcn/70.6.1096 © 2021 American Society for Nutrition © 1999, Oxford University Press. Adapted from Modeling: The art of mathematics, blended with practice. iGEM 2014. Creative Commons Licence CC-BY 4.0 Data from Ingwell, L., Eigenbrode, S. & Bosque-Pérez, N. Plant viruses alter insect behavior to enhance their spread. <i>Sci Rep</i> 2, 578 (2012). https://doi.org/10.1038/srep00578 Creative Commons Licence CC-BY NC-ND
BIOLOGY A-LEVEL			
9612			
BL03		Fig 6	Adapted from Czerniawski R, Sługocki Ł, Kowalska-Górska M (2016) Diurnal Changes of Zooplankton Community Reduction Rate at Lake Outlets and Related Environmental Factors. <i>PLoS ONE</i> 11(7): e0158837. https://doi.org/10.1371/journal.pone.0158837 Creative Commons Licence CC-BY 4.0
BL04		Fig 10 & 11	Adapted from Qadi SA, Hassan MA, Sheikh RA, et al. Thymoquinone-Induced Reactivation of Tumor Suppressor Genes in Cancer Cells Involves Epigenetic Mechanisms. <i>Epigenetics Insights</i> . January 2019. doi:10.1177/2516865719839011 Creative Commons Licence CC-BY-NC
BL05		Fig 1 Fig 2 Fig 3&4 Fig 8	564115690 Jasmine (<i>Jasminum</i> sp.) leaf section under the microscope © D. Kucharski K. Kucharska/Shutterstock 564115651 Jasmine (<i>Jasminum</i> sp.) leaf section under the microscope © D. Kucharski K. Kucharska/Shutterstock From www.practicalbiology.org and reproduced with permission of the Royal Society of Biology and the Nuffield Foundation. 157653960 Black Border Collie © iStock.com/ GlobalP 103957087 Grey Border Collie © iStock.com/ GlobalP 943996036 Brown Border Collie © iStock.com/ GlobalP 962814176 Light brown border collie © iStock.com/GlobalP

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