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For the June 2024 exam series

V1.0 June 2024

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ECONOMICS**ECONOMICS AS****9641**

EC01	INS	Ext A (i)	Data from OECD (2023), Health spending (indicator). doi: 10.1787/8643de7e-en (Accessed in June 2023)
		Ext A (ii)	<i>Source:</i> (1) United Nations Population Division. World Population Prospects: 2022 Revision, or derived from male and female life expectancy at birth from sources such as: (2) Census reports and other statistical publications from national statistical offices, (3) Eurostat: Demographic Statistics, (4) United Nations Statistical Division. Population and Vital Statistics Reprint (various years), (5) U.S. Census Bureau: International Database, and (6) Secretariat of the Pacific Community: Statistics and Demography Programme. <i>License:</i> CC BY-4.0
EC02	INS	Ext A (i)	Income tax graph © Trading Economics
		Ext A (ii)	International Labour Organization. “ILO Modelled Estimates and Projections database (ILOEST)” ILOSTAT. Accessed February 21, 2023. ilostat.ilo.org/data . <i>License :</i> CC BY-4.0
		EXT B	Income rates in Denmark and South Korea - Top Statutory income tax rates © OECD Stat Tax Revenue Statistics 2022. © OECD <i>Source:</i> World Happiness Report 2022

ECONOMICS**ECONOMICS A-LEVEL****9642**

EC03	INS	Ext A (i)	Singapore Coefficient graph - Source Department of Statistics Singapore
EC04	INS	Ext A	<i>Source:</i> Terms of Trade. International trade - Terms of trade - OECD Data © OECD Stats <i>Source</i> https://www.worldbank.org/en/research/commodity-markets © World Bank – used under Creative Commons Licence CC BY 4.0
EC04	QP	Q9 Table 3	<i>Data Source:</i> Bank of Greece

ENGLISH**ENGLISH LANGUAGE AS****9671**

EN01		Text A	© Cambridge Sports Lake Trust <i>Source :</i> East Cambridge District Council
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ENGLISH LANGUAGE A-LEVEL**9672**

EN04A	INS 1	Text 2 Text 3	Video Games article - Copyright © Guardian News and Media Limited. 2023 © Ron Stefanski. The One Hour Professor. www.onehourprofessor.com
EN04A	INS 2	Text 4 Text 5 Text 6	© Cat Town, Oakland USA Caracal image and text from book © Miles Kelly Publishing Screenshot © Lady Dinah's Cat Café

ENGLISH LITERATURE AS**9676**

LT01			Doctor Faustus – Christopher Marlowe Duchess of Malfi – John Webster Hamlet - Shakespeare King Lear - Shakespeare Othello - Shakespeare
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ENGLISH LITERATURE A-LEVEL**9677**

LT04A		Q2 Text 2	Credit: Li-Young Lee, "Little Father" from <i>Book of My Nights</i> . Copyright © 2001 by Li-Young Lee. Reprinted with the permission of The Permissions Company, LLC on behalf of BOA Editions, Ltd., www.boaeditions.org .
		Q2 Text 1	<i>My Father is Shrinking</i> by Susan Wicks. From <i>Night Toad: New and Selected Poems</i> . Published by Bloodaxe Books, 2003
		Q1	© Khaled Hosseini, 2007, <i>The Kite Runner</i> , Bloomsbury Publishing PLC.

ENGLISH LANGUAGE GCSE**9270**

9270/1			Cry of the Kalahari by Mark and Delia Owens. Little Brown Book Group Limited © 2022. Reproduced with permission of the Licensor through PLSclear.
9270/2	Source A		Text - Mr. Yan Neokleous, PADI Divemaster (No. 399809), Oceans Divers (a division of YANELEX Ltd) www.oceansdivers.com Image - Scuba divers enjoying coral reef and sea life 541599504 © iStock.com/ultramarinfoto
	Source B		Text - Divedeepscuba.com
	Source C		Text - British Sub-Aqua Club (BSAC) Image - Divers exploring a shipwreck 1424876650 © iStock.com/Shansche
	Source D		Text - © Guardian News & Media Ltd 2023
	Source E		Image - A scuba diver explores a coral reef 1272789566 © iStock.com/Shansche
	Source F		Text - From <i>The Last Dive</i> by Bernie Chowdhury. Copyright (c) 2000 by Bernie Chowdhury. Used by permission of HarperCollins Publishers.

ENGLISH LITERATURE GCSE**9275**

9275/1	Text 1	Great Expectations by Charles Dickens.
	Text 2	To Kill a Mockingbird by Harper Lee © Harper Lee, 1960
	Text 3	Purple Hibiscus by Chimamanda Ngozi Adichie. Reprinted by permission of HarperCollins Publishers Ltd © 2013, Chimamanda Ngozi Adichie.
	Text 4	Never Let Me Go by Kazuo Ishiguro, 2005, Faber and Faber Ltd
	Text 5	From The Book Thief by Markus Zusak published by Black Swan. Copyright © Markus Zusak 2005. Reprinted by permission of The Random House Group Limited..
	Text 6	The Destroyers by Graham Greene from Complete Short Stories, Penguin Classics, 1992.
	Text 7	Julius Caesar by William Shakespeare
	Text 8	Macbeth by William Shakespeare
	Text 9	From An Inspector Calls and Other Plays by J. B. Priestley published by Penguin Classics. Copyright © 1947 by J. B. Priestly . Reprinted by permission of Penguin Books Limited.
	Text 10	Extract from THE CRUCIBLE by Arthur Miller. Copyright © Arthur Miller, 1952, 1953, 1954; Copyright renewed (c) Arthur Miller, 1980, 1981, 1982, used by permission of The Wylie Agency (UK) Limited.
9275/2A	Text 1	Futility by Wilfred Owen
	Text 3	Hamnet by Maggie O’Farrell, Tinder Press 2020. Headline Publishing Group Limited. Reproduced with permission of the Licensor through PLSclear.
9275/2B	Text 1	Futility by Wilfred Owen

ENGLISH AS A SECOND LANGUAGE GCSE**9280**

9280/R	Text 2	Independent Advertorial/APL Media
	Text 3	Independent Advertorial/APL Media/City & Guilds
	Text 4	© Guardian News & Media Ltd 2023
9280/S	Card A	Female basketball player holding a ball 1442258652 ©iStock.com/AzmanJaka
	Card B	Sky is the limit 1289299126 © iStock.com/StefaNikolic
	Card C	Young girl writes homework 1445429407 © iStock.com/EvgeniyShkolenko
	Card D	Woman with laptop, windmill on field 1463615698 © iStock.com/pixdeluxe
	Card E	A street market, Aswan, Egypt 1287131533 © iStock.com/GarySandyWales
	Card F	Happy family 1204437896 © iStock.com/Valerii Apetroaiei
9280/W	Q.1	Electric passenger train and snowy Jungfrau mountains in background, Switzerland 1211097990 © iStock.com/Janoka82

GEOGRAPHY**Geography AS****9635**

GG01A	Fig 1 Graph 1	Source: National Interagency Fire Center (NIFC) and https://ourworldindata.org/natural-disasters
	Fig 1 Graph 2	Source: National Interagency Fire Center (NIFC) and https://ourworldindata.org/natural-disasters

		Fig 2 Graph 1	Twentieth-Century Climate Change over Africa: Seasonal Hydroclimate Trends and Sahara Desert Expansion Natalie Thomas and Sumant Nigam. 01 May 2018. DOI: https://doi.org/10.1175/JCLI-D-17-0187.1 Pp 3349–3370 © American Meteorological Society. Used with permission.
		Fig 2 Graph 2	NOAA / NCDC Global Historical Climatology Network
GG01B		Fig 1 Graph 1	Source: National Interagency Fire Center (NIFC) and https://ourworldindata.org/natural-disasters
		Fig 1 Graph 2	Source: National Interagency Fire Center (NIFC) and https://ourworldindata.org/natural-disasters
		Fig 2	Sanjoy Roy, Santa Pandit, Mossamat Papia, Md Masudur Rahman, Jan Christian Otto Rehder Ocampo, Mohammad Arfar Razi, Pablo Fraile-Jurado, Naser Ahmed, Muhammad Al-Amin Hoque, Md Mehedi Hasan, Jakeya Yeasmin, Md Sakhawat Hossain, Coastal erosion risk assessment in the dynamic estuary: The Meghna estuary case of Bangladesh coast, International Journal of Disaster Risk Reduction, Volume 61, 2021, 102364, ISSN 2212-4209, https://doi.org/10.1016/j.ijdr.2021.102364 . (https://www.sciencedirect.com/science/article/pii/S2212420921003307)

GEOGRAPHY

Geography A-LEVEL

9635

GG02		Fig 1	Source Esteban Ortiz-Ospina, Diana Beltekian and Max Roser (2018) - "Trade and Globalization". Published online at OurWorldInData.org. Retrieved from: ' https://ourworldindata.org/trade-and-globalization ' [Online Resource]
		Fig 2	© BP Statistical Review of World Energy 2020
GG03		Fig 1	© Vermont Agency of Natural Resources. Department of Forests- Parks and Recreation. Vermont.
		Fig 2 & Fig 3	Yonglong Lu et al. Spatial variation in biodiversity loss across China under multiple environmental stressors. <i>Sci. Adv.</i> 6, eabd0952 (2020). DOI: 10.1126/sciadv.abd0952 Used under a Creative Commons Attribution Non Commercial Licence 4.0
GG04		Fig 1a Fig 1b Fig 1c	Fisher Body Plant - © iStock.com/ Searegan Detroit - © iStock.com / tom prout Source DATA USA https://datausa.io/profile/geo/detroit-mi/
		Fig 2 Fig 3	Hangzhou © iStock.com/ hxdyl Source: UN Population Division (via World Bank) Our world in Data CC BY
GG05		Fig 3/6	Beach © Mr Wuttisak Promchoo / Getty Images

GEOGRAPHY

GEOGRAPHY GCSE

9230

9230/1	Fig 1&1b	Global Temp Map - © NASA Earth Observatory
	Fig 5	Brazil Map © The Economist Group Limited
	Fig 6	Philippines Landslide © BOBBIE ALOTA/Getty Images
	Fig 8	Gabions Suffolk © Geography Photos/Getty Images
	Fig 9	Sand Dunes © DEA/ARCHIVIO J.LANGE/Getty Images
	Fig 11	Waterfall Borneo © AFP/Stringer/Getty Images
9230/2	Fig 1	Fastest Growing Cities Graph - Data source: World Urbanization Prospects 2018. United Nations Department of Economic and Social Affairs. Population Dynamics.
	Fig 2	Neighbourhood deprivation graph - Source WPI Economics
	Fig 3	Delhi - © Jake Lyell/Alamy Stock Photos
	Table 1	Life expectancy at birth indicates the number of years a newborn infant would live if prevailing patterns of mortality at the time of its birth were to stay the same throughout its life. ID: SP.DYN.LE00.IN Source: (1) United Nations Population Division. World Population Prospects: 2022 Revision, or derived from male and female life expectancy at birth from sources such as: (2) Census reports and other statistical publications from national statistical offices, (3) Eurostat: Demographic Statistics, (4) United Nations Statistical Division. Population and Vital Statistics Reprint (various years), (5) U.S. Census Bureau: International Database, and (6) Secretariat of the Pacific Community: Statistics and Demography Programme. License: CC BY-4.0
	Fig 4	Source Convergences BNP Paribas Microfinance Barometer. By Blaine Stephens (Mix Market)
	Fig 5	Data Source: WHO/UNICEF Joint Monitoring Programme (JMP) for Water Supply and Sanitation Ourworldindata.org/water-access CC BY
	Fig 6	Source WHO/UNICEF Joint Monitoring Programme (JMP) for Water Supply and Sanitation, Data compiled from multiple sources by World Bank OurWorldInData.org./water-access- CC BY
	Fig 7	IEA 2023; <i>IEA World Energy Outlook</i> World Energy Outlook 2019 – Analysis - IEA License: CC BY 4.0
	Fig 8	Our World in Data CC BY Source data from World Population Prospects 2022. Used under Creative Commons license (CC BY 3.0 IGO)
	Fig 9	Our World in Data CC BY Source data from World Population Prospects 2022. Used under Creative Commons license (CC BY 3.0 IGO)
Fig 10	Internet Africa - © Afr-IX telecom	

9230/3	Fig 1	“Source: Toitū Te Whenua Land Information New Zealand and licensed by Toitū Te Whenua Land Information New Zealand for re-use under the Creative Commons Attribution 4.0 International licence .”
	Fig 2	Worlds Biggest Oil Producers - © Statista CC BY ND
	Table 2	Data Source https://worldpopulationreview.com/country-rankings/oil-reserves-by-country © World Population Review

SCIENCE**BIOLOGY AS****9611**

BL02	Q.1.3 Fig 1	© ECDC. Creative Commons Licence CC BY 4.0
	Q.2.3 Fig 2	MT9A33 – Trichomes © Katharina Brandt/Alamy Stock Photo
	Q.2.3 Fig 3	Trichome Specific Expression: Promoters and Their Applications by Alain Tissier from Transgenic Plants, ed. Yelda Özden Çiftçi. © 2012 Alain Tissier, Licensee IntechOpen. Creative Commons Licence CC-BY 3.0
	Q.2.3 Table 1-3	Glandular trichomes that mediate resistance to green peach aphid in tomato genotypes from the cross between <i>S. galapagense</i> and <i>S. lycopersicum</i> by Alex Antonio da Silva, Regis de Castro Carvalho, Marcela Carvalho Andrade, André Ricardo Zeist, Juliano Tadeu Vilela de Resende, Wilson Roberto Maluf, GENETICS AND PLANT BREEDING. Acta Sci., Agron. 41. 2019 https://doi.org/10.4025/actasciagron.v41i1.42704 . Creative Commons Licence CC-BY 4.0
	Q.3 Fig 4	Bean Seed 284991989 © Krasowit/Shutterstock
	Q.4 Fig 7	Konings, M.K., Goovaerts, H.G., Roosendaal, M.R. et al. A new electric method for non-invasive continuous monitoring of stroke volume and ventricular volume-time curves. BioMed Eng OnLine 11, 51 (2012). https://doi.org/10.1186/1475-925X-11-51 . Creative commons Licence CC-BY 2.0
	Q.4 Fig 8	Steding, K., Engblom, H., Buhre, T. et al. Relation between cardiac dimensions and peak oxygen uptake. J Cardiovasc Magn Reson 12, 8 (2010). https://doi.org/10.1186/1532-429X-12-8 Creative Commons Licence CC-BY 2.0
	Q.5 Fig 9	F009/0541 Ulcer © JUAN GAERTNER / SCIENCE PHOTO LIBRARY
	Q.6 Fig 12 & 13	© 1993, BMJ Publishing Group Ltd. & British Society of Gastroenterology, Adapted by permission from BMJ Publishing Group Limited. el-Omar E, Penman I, Dorrian CA, Ardill JE, McColl KE. Eradicating Helicobacter pylori infection lowers gastrin mediated acid secretion by two thirds in patients with duodenal ulcer. Gut. 1993 Aug;34(8):1060-5. doi: 10.1136/gut.34.8.1060

BIOLOGY A-LEVEL			
9612			
BL03		Q.1 Fig 1	Cassava manioc plants with leaves 1520371868 © MoreVector/Shutterstock
		Q.1 Fig 2	Zonation in lakes 2010301475 © VectorMine/Shutterstock
		Q.3 Fig 3	Biology by Connie Rye, Robert Wise, Vladimir Jurukovski, Jean DeSaix, Jung Choi, Yael Avissar. OpenStax, 2016. Adapted from work by Mikael Häggström. Creative Commons Licence CC-BY 4.0
		Q.5 Fig 5	Adapted from Hideaki Usuda (2004) Evaluation of the Effect of Photosynthesis on Biomass Production with Simultaneous Analysis of Growth and Continuous Monitoring of CO ₂ Exchange in the Whole Plants of Radish, cv Kosena under Ambient and Elevated CO ₂ , Plant Production Science, 7:4, 386-396, DOI: 10.1626/ppp.7.386 © 2009 Crop Science Society of Japan. Creative Commons Licence CC-BY 4.0
		Q.6 Fig 6	Estuary "Het Zwin" 1352505494 © iStock.com/Meindert van der Haven
		Q.6 Fig 7	Redshank in mud flats. Tringa totanus 1459595101 © iStock.com/David O'Brien
		Q.6 Fig 8	Adapted from Malpas et al. (2013) with permission of the British Trust for Ornithology.
BL04		Q.4 Fig 6 & 7	Silva, A.I., Haddon, J.E., Ahmed Syed, Y. et al. Cyfip1 haploinsufficient rats show white matter changes, myelin thinning, abnormal oligodendrocytes and behavioural inflexibility. Nat Commun 10, 3455 (2019). https://doi.org/10.1038/s41467-019-11119-7 . Creative Commons Licence CC-BY 04
		Q.4 Fig 8	Sound-Evoked Activity Influences Myelination of Brainstem Axons in the Trapezoid Body James L. Sinclair, Matthew J. Fischl, Olga Alexandrova, Martin Heß, Benedikt Grothe, Christian Leibold, Conny Kopp-Scheinflug Journal of Neuroscience 23 August 2017, 37 (34) 8239-8255; DOI: 10.1523/JNEUROSCI.3728-16.2017 Creative Commons Licence CC-BY 4.0
		Q.2 Fig 1	Kung, S.H., Retchless, A.C., Kwan, J.Y. and Almeida, R.P.P. Effects of DNA Size on Transformation and Recombination Efficiencies in Xylella fastidiosa, Applied and Environmental Microbiology, Vol 79 (5), March 2013, pp. 1712-1717 https://doi.org/10.1128/AEM.03525-12 © 2013 American Society for Microbiology. Amended with permission from American Society for Microbiology.
BL05		Q.1 Fig 1	Adapted from MXX832 - Photo of TS Plant Root © MELBA PHOTO AGENCY/Alamy Stock Photo

SCIENCE**BIOLOGY GCSE****9201**

9201/1		Fig 2	Scorpion - © iStock.com/EcoPic
		Fig 3	Bird of Paradise - © iStock.com/Francisco Herrera

9201/2	Q1	Heart - © iStock.com/Good Job
	Q1	Neutrophil - © iStock.com/Dr_Microbe
	Q1	Blood platelet - © iStock.com/gaetan Stoffel
	Q6	Kaibab Squirrel - © EJ Peiker
	Q6	Abert Squirrel - © Rick & Nora Bowes /Alamy Stock Photo
	Q6	Garden snail - © iStock.com/EileenKumpf
	Q8	Diatoms - © Jan Hinsch / Science Photo Library

PHYSICS GCSE**9203**

9203/1	Fig 4	Tiger Shark - © WaterFrame/Alamy Stock Photo
	Q4	Waimangu volcanic Valley - © Simon Bourne/Alamy Stock Photo
9203/2	Fig 5	Freezer with chicken – ATStockFoto/Alamy Stock Photo
	Fig 10	Tesla - © iStock.com/Jaap2
	Fig 6	Medicine Ball - © iStock.com/Egoitz Bengoetxea Iguaran

COMBINED SCIENCE GCSE**9204**

9204/BC	Q5 Fig10	Giraffe - © iStock.com/Paula French
	Q10 Fig20	Ferret © Zoonar GmbH / Alamy Stock Photo
	Q10 Fig21	Baby ferret © Associated Press / Alamy Stock Photo
	Q10 Fig21	White ferret © Zoonar GmbH / Alamy Stock Photo
	Q10 Fig21	Black footed ferret © SBS Eceletic Images/Alamy Stock Photos
9204/BE	Q3 Fig4	Ferret © Zoonar GmbH / Alamy Stock Photo
	Q3 Fig5	Baby ferret © Associated Press / Alamy Stock Photo
	Q3 Fig5	White ferret © Zoonar GmbH / Alamy Stock Photo
	Q3 Fig5	Black footed ferret © SBS Eceletic Images/Alamy Stock Photos
9204/PC	Q2 Fig3	Thermal image of cat © iStock.com/Saman Peters
	Q8 Fig13	Electric Kettle © istock.com/artemionov
	Q9 Fig15	Magnetic Balls Panther Media GmbH / Alamy Stock Photo
9204/PE	Q1 Fig2	Electric Kettle © istock.com/artemionov
	Q2 Fig4	Magnetic Balls Panther Media GmbH / Alamy Stock Photo

	Q7 Fig8	Close up badminton player PA Images / Alamy Stock photos
	Q8 Fig10	Satellite Phone - © Ascent/PKS Media Inc/ Getty

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