

Key content of Sections B and C questions in HKDSE Geog Paper 1 (Sections B, C and D from 2019 onwards)

	Key content in the exam questions			
	2012	2013	2014	2015
Opportunities and risks	Q1 DBQ Earthquake in Haiti	Q5 Short essay Tectonic hazards along the Circum-Pacific belt and effectiveness of land use zoning	Q2 DBQ Rift valley and volcanic eruption in East Africa	Q1 DBQ Comparing tsunamis in NE Japan and Alaska
Managing river and coastal environments	Q5 Short essay Flooding in the lower course and effectiveness of dam construction to prevent floods	Q1 DBQ Coastal features and management in HK	Q1 DBQ Map: Ha Pak Nai and WENT landfill Estuary environment in HK	Q2 DBQ Changing velocity, channel width, mean depth of channel and discharge along a river
Changing industrial location	Q6 Short essay IT industry and globalization	Q2 DBQ Iron and steel industry in China	Q3 DBQ Shifting IT production plant within China and evaluation of the proposal of moving plants back to the US	Q5 Short essay Factors explaining spatial distribution of I&S industry in China before and after 1978
Building a sustainable city	Q2 DBQ Map: Hung Shui Kiu Proposed new development area	Q3 DBQ Map: Eastern Kowloon Two development projects in the area	Q5 Short essay Suburbanization and new town development in HK	Q3 DBQ Map: Tung Chung Proposed reclamation sites and land use planning for new town extension
Combating famine	Q3 DBQ Food shortages and farming techniques in eastern Africa	Q6 Short essay Nomadic herding and food supply in the Sahel	Q6 Short essay Climatic constraints on farming and effectiveness of irrigation in southern California	Q6 Short essay Risk of famine in the Sahel and effectiveness of biotechnology

	Key content in the exam questions			
	2012	2013	2014	2015
Disappearing green canopy	Q7 Short essay Reasons for disappearing of TRF and a conservation measure	Q4 DBQ Cattle rearing in the Amazon Basin and reforestation	Q4 DBQ Human activities in the rainforest in Brazil and evaluation of the 'rainforest adoption' measure	Q7 Short essay Negative socio-economic effects of deforestation of TRF and the role of MDCs
Global warming	Q4 DBQ Greenhouse gases, emission scenario and effectiveness of inter-governmental cooperation	Q7 Short essay Adverse impact of global warming in HK and effectiveness of urban greening	Q7 Short essay The overuse of fossil fuels in causing a rise in global temp and evaluation of the use of renewable energy	Q4 DBQ Effects brought by global warming in the arctic region, CO ₂ emissions and international efforts to combat climate change

	Key content in the exam questions			
	2016	2017	2018	2019
Opportunities and risks	Q5 Short essay Tectonic activities in the Himalayan region, opportunities and challenges to the region	Q1 DBQ Volcanic eruption: Distribution, formation of volcanoes, negative impacts, technological measures, opportunities and risks	Q1 DBQ Earthquake: Plate boundaries, formation, destructive effects, factors that make a place more vulnerable	Q1 DBQ Volcanic eruption and tsunami in Indonesia: explain occurrence and losses, discussion on warning system
Managing river and coastal environments	Q1 DBQ Map: Sai Kung Coastal landforms, work of waves	Q5 Short essay Erosion of beach materials in Hong Kong, beach nourishment	Q2 DBQ Map: Hong Kong Island Coastal landforms, wave erosion and deposition, coastal protection strategies (sea wall or rock armour/rip rap)	Q5 Short essay Depositional features at the lower course, river management strategies at the lower course
Changing industrial location	Q2 DBQ Iron and steel industry in China, location factors, how advancement in technology affect location	Q6 Short essay Global distribution of IT industry, the influence of US government on the development of local IT industry	Q5 Short essay Locational factors affecting clustering of iron and steel industry in China, as well as IT industry in the US	Q6 Short essay Location factors of the IT industry in the US, whether global transport and telecom. facilitates IT industry to outsource production
Building a sustainable city	Q6 Short essay Housing problem in HK, and the effectiveness of developing green belts	Q2 DBQ Map: Sheung Wan and Sai Ying Pun Urban problems, redevelopment, revitalization, rehabilitation	Q3 DBQ Environmental problems, urban planning (green belt), economic and social sustainability of Hung Shui Kui NDA	Q2 DBQ Map: Ma Tau Wai Urban renewal in Kowloon City

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	2016	2017	2018	2019
Combating famine	<p>Q3 DBQ</p> <p>Climatic constraints in farming in Central Valley, effectiveness of precision farming</p>	<p>Q3 DBQ</p> <p>The Sahel: Climatic characteristics, nomadic herding, reasons for insufficient food production from nomadic herding, growing cash crops</p>	<p>Q6 Short essay</p> <p>The Sahel: Physical factors leading to famine, effectiveness of genetically modified crops</p>	<p>Q3 DBQ</p> <p>The Sahel: climatic constraints, farming activity there, reasons for insufficient food production by this activity, whether precision farming can help improve the food supply</p>
Disappearing green canopy	<p>Q4 DBQ</p> <p>Climatic conditions of TRF, deforestation and effectiveness of selective logging in conserving the TRF</p>	<p>Q7 Short essay</p> <p>Nutrient cycling in the TRF, impact of plantation on the nutrient cycling in the TRF</p>	<p>Q4 DBQ</p> <p>World distribution, climate, vegetation characteristics and energy flow of TRF and oil palm plantation, causes and underlying causes of TRF destruction</p>	<p>Q7 Short essay</p> <p>Nutrient compartments in a TRF, whether plantation causes greater changes to these compartments than shifting cultivation</p>
Global warming	<p>Q7 Short essay</p> <p>How human activities increase the concentration of CO₂, and the cooperation of MDCs and LDCs in reducing CO₂</p>	<p>Q4 DBQ</p> <p>Radiation and greenhouse effect, relationship between human activities and global warming, the responsibility of MDCs/LDCs in reducing CO₂ emissions</p>	<p>Q7 Short essay</p> <p>Reasons for increasing greenhouse gas emissions in LDCs, constraints encountered by LDCs in reducing greenhouse gas emissions</p>	<p>Q4 DBQ</p> <p>Changing atmospheric CO₂, draw annotated diagram to illustrate radiation activities, trend of global mean temp., relationship between the change in GDP per capita and CO₂ emissions per capita, international cooperation</p>
FBQ	--	--	--	Coast

Key content of Sections D and E questions in HKDSE Geog Paper 2 (Sections E and F from 2019 onwards)

	Key content in the exam questions			
	2012	2013	2014	2015
Dynamic earth	<p>Q1 DBQ</p> <p>Rocks and landform features in Hong Kong</p> <p>Q5 Short essay</p> <p>Water as a factor affecting external processes on slopes of HK</p>	<p>Q1 DBQ</p> <p>Reclamation and rock cavern</p> <p>Q5 Short essay</p> <p>Rock cycle and how two types of rocks shape the landforms of HK</p>	<p>Q1 DBQ</p> <p>Geological map, folding and weathering in Ma Shi Chau-Yim Tin Tsai area</p> <p>Q5 Short essay</p> <p>How rock type affects landscape, and housing and transport development in HK</p>	<p>Q1 DBQ</p> <p>Rocks and mass wasting in High Island area</p> <p>Q5 Short essay</p> <p>Weathering in granite areas in HK and its importance in shaping the landforms in HK</p>
Weather and climate	<p>Q2 DBQ</p> <p>Temperature and rainfall patterns of two places in China, and sandstorms</p> <p>Q6 Short essay</p> <p>Monsoons, and impact of it and other weather systems on precipitation characteristics in HK</p>	<p>Q2 DBQ</p> <p>Interpreting weather conditions of two places based on a weather chart and data</p> <p>Q6 Short essay</p> <p>Sandstorms in North China</p>	<p>Q2 DBQ</p> <p>Variation in insolation and pressure pattern at different major latitudes</p> <p>Q6 Short essay</p> <p>Climate in south-east and north-west China</p>	<p>Q2 DBQ</p> <p>Climatic data of two places in China and climatic hazard</p> <p>Q6 Short essay</p> <p>Planetary wind systems and their importance in distribution of global climatic zones</p>
Transport development, planning and management	<p>Q3 DBQ</p> <p>Traffic flow, traffic congestion in Wan Chai and Causeway Bay</p> <p>Q7 Short essay</p> <p>Logistics in HK</p>	<p>Q3 DBQ</p> <p>Transport problem in southern Hong Kong</p> <p>Q7 Short essay</p> <p>Logistics industry in HK</p>	<p>Q3 DBQ</p> <p>Sea transport in the ZDR and container throughput of river cargo in HK</p> <p>Q7 Short essay</p> <p>Transport problem in HK</p>	<p>Q3 DBQ</p> <p>Importance of railway and franchised bus in public transport in HK</p> <p>Q7 Short essay</p> <p>Logistics industry in HK</p>

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	2012	2013	2014	2015
A regional study of the Zhujiang Delta	Q4 DBQ Industrial development and water quality of three cities Q8 Short essay Farming in ZDR	Q4 DBQ Industries in Guangzhou Q8 Short essay Cross-border air pollution problem in the ZDR	Q4 DBQ Farming in Dongguan Q8 Short essay How urban development in the ZDR affects river water quality and the effectiveness of legislation	Q4 DBQ Gross industrial output and NO ₂ concentration in the ZDR Q8 Short essay Challenges of industry in the ZDR and strategy of branding

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	2016	2017	2018	2019
Dynamic earth	<p>Q1 DBQ</p> <p>Granite, formation, gullies and badlands, effectiveness of tree planting</p> <p>Q5 Short essay</p> <p>How sedimentary rock changed into metamorphic rock, the role of sedimentary rock in shaping the physical landscape in HK</p>	<p>Q1 DBQ</p> <p>Landslide: The impact of rock characteristics on landslide, causes and measures</p> <p>Q5 Short essay</p> <p>Volcanic rocks: Formation and characteristics, their relative importance in shaping the physical landscape of Hong Kong</p>	<p>Q1 DBQ</p> <p>Granite, tuff, physical landscape of HK, chemical weathering, deep weathering profiles and top formation, mass movement</p> <p>Q5 Short essay</p> <p>How the distribution of major faults shaped the physical landscape in HK, effects on urban development</p>	<p>Q1 DBQ</p> <p>Igneous rocks (rhyolite and granite), weathering feature (pressure release, exfoliation), mass wasting (rockfall), salt crystallization, role of rock structure and water in weathering</p> <p>Q5 Short essay</p> <p>Influence of climatic conditions in HK on slope stability, whether afforestation helps increase slope stability</p>
Weather and climate	<p>Q2 DBQ</p> <p>Pressure pattern of a season, weather conditions of HK during the approach of a typhoon</p> <p>Q6 Short essay</p> <p>Impact of drought in North China, and effectiveness of water resource management</p>	<p>Q2 DBQ</p> <p>Temperature difference between two cities in China, cold front and the weather conditions</p> <p>Q6 Short essay</p> <p>Climatic characteristics of NW China, significance of climate in causing sandstorms in NW China</p>	<p>Q2 DBQ</p> <p>East Asian monsoon system in July, formation and characteristics of tropical cyclones, weather conditions under typhoons</p> <p>Q6 Short essay</p> <p>Rainfall characteristics between northern and southern China, effectiveness of the water transfer scheme</p>	<p>Q2 DBQ</p> <p>Climatic differences between HK and Urumqi, relationship between winter monsoon and weather condition of HK, reasons for the weakening of winter monsoons</p> <p>Q6 Short essay</p> <p>Trade wind belts, relationship between trade winds and climatic characteristics of the equatorial region</p>

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	2016	2017	2018	2019
Transport development, planning and management	<p>Q3 DBQ</p> <p>HK International Airport as a regional aviation hub, its challenges and measures</p> <p>Q7 Short essay</p> <p>Transport problems in HK, effectiveness of electronic road pricing</p>	<p>Q3 DBQ</p> <p>Railway network in HK, problems at interchange station, the transport strategy of ‘According Priority to Railway’</p> <p>Q7 Short essay</p> <p>HK as a regional logistics hub, impacts of HKZMB on HK and Guangdong’s logistics industry</p>	<p>Q3 DBQ</p> <p>Transport network and connectivity, port competition between HK and Shenzhen, road transport development in the ZDR, HKZMB-</p> <p>Q7 Short essay</p> <p>How transport patterns in HK cause road congestion, effectiveness of electronic road pricing</p>	<p>Q3 DBQ</p> <p>Transport problem at the Cross Harbour Tunnel, whether HK transport information system can help relieve the problem</p> <p>Q7 Short essay</p> <p>Advantages of HK as a logistics and transport hub, whether HKZMB can help HK maintain those advantages</p>
A regional study of the Zhujiang Delta	<p>Q4 DBQ</p> <p>Industrial development in the ZDR, significance of the policy of ‘Emptying the Cage for Birds’</p> <p>Q8 Short essay</p> <p>Problem on farm production in ZDR, effectiveness of adopting modern farming technology</p>	<p>Q4 DBQ</p> <p>River water quality, impacts of water pollution, and sewage treatment in the ZDR</p> <p>Q8 Short essay</p> <p>Industrial development of the ZDR in the past 10 years, the importance of scientific research and human resources on the industrial development of the region</p>	<p>Q4 DBQ</p> <p>‘Front shop, back factory’, rise of capital-intensive and high-tech industries in the ZDR, challenges faced by the industry, branding</p> <p>Q8 Short essay</p> <p>Why air pollution is becoming more serious in ZDR, effectiveness of cross-border cooperation</p>	<p>Q4 DBQ</p> <p>Favourable physical conditions for farming in Zhaoqing, hydroponics in the ZDR</p> <p>Q8 Short essay</p> <p>Water pollution in the ZDR in the last decade, whether sewage treatment plants help improve water quality in the ZDR</p>