

# Cambridge IGCSE™

#### GEOGRAPHY

0460/11 May/June 2023

Paper 1 Geographical Themes MARK SCHEME Maximum Mark: 75

Published

This mark scheme is published as an aid to teachers and candidates, to indicate the requirements of the examination. It shows the basis on which Examiners were instructed to award marks. It does not indicate the details of the discussions that took place at an Examiners' meeting before marking began, which would have considered the acceptability of alternative answers.

Mark schemes should be read in conjunction with the question paper and the Principal Examiner Report for Teachers.

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## Generic Marking Principles

These general marking principles must be applied by all examiners when marking candidate answers. They should be applied alongside the specific content of the mark scheme or generic level descriptors for a question. Each question paper and mark scheme will also comply with these marking principles.

GENERIC MARKING PRINCIPLE 1:

Marks must be awarded in line with:

- the specific content of the mark scheme or the generic level descriptors for the question
- the specific skills defined in the mark scheme or in the generic level descriptors for the question
- the standard of response required by a candidate as exemplified by the standardisation scripts.

GENERIC MARKING PRINCIPLE 2:

Marks awarded are always whole marks (not half marks, or other fractions).

GENERIC MARKING PRINCIPLE 3:

Marks must be awarded **positively**:

- marks are awarded for correct/valid answers, as defined in the mark scheme. However, credit
  is given for valid answers which go beyond the scope of the syllabus and mark scheme,
  referring to your Team Leader as appropriate
- marks are awarded when candidates clearly demonstrate what they know and can do
- marks are not deducted for errors
- marks are not deducted for omissions
- answers should only be judged on the quality of spelling, punctuation, and grammar when these features are specifically assessed by the question as indicated by the mark scheme. The meaning, however, should be unambiguous.

GENERIC MARKING PRINCIPLE 4:

Rules must be applied consistently, e.g., in situations where candidates have not followed instructions or in the application of generic level descriptors.

GENERIC MARKING PRINCIPLE 5:

Marks should be awarded using the full range of marks defined in the mark scheme for the question (however; the use of the full mark range may be limited according to the quality of the candidate responses seen).

GENERIC MARKING PRINCIPLE 6:

Marks awarded are based solely on the requirements as defined in the mark scheme. Marks should not be awarded with grade thresholds or grade descriptors in mind.

| Question  | Answer  | Marks |
|-----------|---|-------|
| 1(a)(i)   | 7.8/7.9 (billion).<br>1 mark  | 1     |
| 1(a)(ii)  | Growth was faster/more growth/steeper after 1950/gentle before 1950 but<br>steep after 1950;<br>Grew from 1 to 2.5/by 1.5 billion between 1800 and 1950/but from 2.5 to 7.9<br><u>billion</u> /by 5.3/5.4 <u>billion</u> between 1950 and 2020 etc.   | 2     |
|           | 2 @ 1 mark  |       |
| 1(a)(iii) | No mark for choice of Estimate X or Y.<br>For X ideas such as:<br>Birth rates/fertility rates high/increase/people have more/many children;<br>Any valid reason for birth rate remaining high/increasing e.g., impact of<br>religion and culture on birth rates/lack of use of contraception/family<br>planning/abortion;<br>Death rates are reduced/low/life expectancy increases;<br>Any valid reason for death rate falling e.g., improved medical<br>care/vaccination/cures for diseases/ better access to clean<br>water/sanitation/better healthcare;<br>For Y ideas such as:<br>Birth rates/fertility rates are low/fall/people have fewer/few children;<br>Any valid reason for birth rate falling e.g., women go out to work/women<br>educated/use of contraception/family planning/abortion/ageing<br>population/Government policy;<br>Death rates increase/high/life expectancy decreases;<br>Any valid reason for death rate remining high/increasing e.g., lack of<br>food/starvation/malnutrition/pandemics/obesity/heart disease/pressure on<br>healthcare/wars/natural disasters; | 3     |
|           | 3 @ 1 mark  |       |
| 1(a)(iv)  | Ideas such as:<br>Lack of workforce/skills or example;<br>Need for immigration;<br>Lack of taxes paid/higher taxes;<br><u>Underuse</u> of resources or example;<br>Lack of production/need to import;<br>Reduced economic development/development slows down/lack of income<br><u>for country</u> /country becomes poor/less money in circulation;<br>Not enough people to make service provision worthwhile/closure of services<br>or example/lack of funding for services or example;<br>Lack of defence/people in armed forces.  | 4     |
|           | 4 @ 1 mark  |       |

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| Question | Answer  | Marks |
|----------|---|-------|
| 1(b)(i)  | International migration = (movement) from one country to another country/across borders/moving out of a country.  | 3     |
|          | Internal migration = (movement) from one part of a country to another part of the same country/movement within the country/rural to urban.  |       |
|          | Forced migration = (movement) which takes place when people have no choice/displaced/have to move/leave/external circumstances/dangerous situation.   |       |
|          | 3 @ 1 mark  |       |
| 1(b)(ii) | Ideas such as:<br>Provision of workforce;<br>Low wages can be paid/dirty jobs/jobs others do not want to do;<br>Skilled workers attracted;<br>Allow examples such as teachers/doctors as development;<br>Increase birth rate in an underpopulated area/ageing population;<br>Increases production/economic development/fully exploit country's<br>resources/higher GDP/GNP;<br>Cultural mix;<br>Some migrants set up businesses or example e.g., restaurants, food stores;<br>More taxes/boost to economy through taxation;<br>Multiplier effect/more customers/increased business;<br>Etc. | 5     |
|          | 5 @ 1 mark or development   |       |

| Question | Answer   | Marks |
|----------|--|-------|
| 1(c)     | Levels marking   | 7     |
|          | Level 1 (1-3 marks)<br>Statements including limited detail which describe pulls and/or pushes to<br>explain why migration has taken place.   |       |
|          | Level 2 (4-6 marks)<br>Uses named example.   |       |
|          | Developed statements which describe pulls and/or pushes to explain why migration has taken place.  |       |
|          | (Note: Max 5 if no named or inappropriate example.)  |       |
|          | Level 3 (7 marks)<br>Uses named example.<br>Comprehensive and accurate statements which describe pulls <u>and</u> pushes<br>to explain why migration has taken place, including some place specific<br>reference.            |       |
|          | <u>Content Guide:</u><br>Candidates can use any example of migration, international or internal.<br>Answers are likely to refer to:  |       |
|          | Employment;<br>Health care;<br>Education;<br>Joining family and friends;<br>Entertainment;<br>Availability of water/electricity;<br>Food supplies;<br>Drought/natural disasters;<br>Persecution/war;<br>Share a border; etc. |       |
|          | Place specific reference is likely to consist of:<br>Population data/named places etc.   |       |

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| Question  | Answer   | Marks |
|-----------|--|-------|
| 2(a)(i)   | Buildings are scattered amongst areas of farmland.   | 1     |
|           | 1 mark   |       |
| 2(a)(ii)  | Features such as:<br>Densely populated/buildings are close together/lack of open space;<br>High rise buildings/mixture of different heights;<br>Wide roads/dual carriageways/paved roads;<br>Service provision or example; e.g., church, shops;<br>Workplaces or example e.g., offices, factories;<br>Housing/apartments;<br>Etc.  | 2     |
|           | 2 @ 1 mark   |       |
| 2(a)(iii) | Ideas such as:<br>Stadium/(football) pitch;<br>Tennis court;<br><u>Or</u> recreational/leisure if first two lines not credited;<br>School/leisure centre/sports centre/factory/industry/industrial;<br>Housing/residential;<br>Farmland;<br>Orchard/trees/woodland/forest.   | 3     |
|           | 3 @ 1 mark   |       |
| 2(a)(iv)  | Ideas such as:<br>Increased traffic/traffic congestion;<br>Noise;<br>Litter;<br>Loss of amenity value/dog walking;<br>Loss of spaces for recreation;<br>Loss of agricultural land;<br>Increased cost of housing/pressure on supplies of houses;<br>Air pollution;<br>Water pollution;<br>Deforestation;<br>Soil erosion;<br>Loss of habitat;<br>Animals killed/migrate away/displaced/disturbed;<br>Impact on food chains/ecosystem;<br>Etc. | 4     |
|           | (1 mark reserved for people/natural environment.)  |       |
|           | 4 @ 1 mark   |       |

| Question | Answer   | Marks |
|----------|--|-------|
| 2(b)(i)  | Ideas such as:<br>Uneven;<br>Clustered;<br>Linear/along the road/river/railway;<br>Near bridges/river crossings;<br>More live in Zhangye/Linze/Gaotai/centre;<br>Dispersed/scattered in the South; etc.  | 3     |
|          | 3 @ 1 mark   |       |
| 2(b)(ii) | Ideas such as:<br>Access to water;<br>Bridging point to access both sides;<br>Flat/low land;<br>Shelter from winds;<br>Aspect;<br>High/steep land (to NE);<br>Accessibility/easy to transport (goods)/get to work;<br>Jobs/employment;<br>Mines/factories;<br>Fertile soil/infertile soil/food supply;<br>Forested areas are less densely populated;<br>Etc. | 5     |
|          | 5 @ 1 mark or development  |       |

| Question | Answer  | Marks |
|----------|---|-------|
| 2(c)     | Levels marking  | 7     |
|          | Level 1 (1-3 marks)<br>Statements including limited detail which describe and/or explain the service provision.   |       |
|          | <u>Level 2</u> (4-6 marks)<br>Uses named example.   |       |
|          | Linked statements which describe and explain the service provision.   |       |
|          | (Note: Max 5 if no named or inappropriate example.)   |       |
|          | Level 3 (7 marks)<br>Uses named example.  |       |
|          | Comprehensive and accurate statements which describe and explain the service provision, with some place specific reference.                                       |       |
|          | <u>Content Guide:</u><br>Answers are likely to describe:<br>Shops;<br>Schools;<br>Places of worship;<br>Bus service; etc.<br>Water;<br>Electricity;<br>Low order; |       |
|          | Explanations are likely to refer to:<br>Population size;<br>Threshold population;<br>Profitability;<br>Basic needs;<br>Access;<br>Etc.                            |       |
|          | Place specific reference is likely to consist of:<br>Locational details,<br>Names of services etc.  |       |

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| Question  | Answer   | Marks |
|-----------|--|-------|
| 3(a)(i)   | 5.6/5.5 - 6.4.   | 1     |
|           | 1 mark   |       |
| 3(a)(ii)  | Most injuries = Pakistan.<br>Damaged/destroyed most buildings = China.<br>2 @ 1 mark   | 2     |
| 3(a)(iii) | Ideas such as:<br>More fatalities/deaths on 26th July/or statistics (8 cf 1);<br>More injuries on 26th July/or statistics (63 cf 3);<br>More damage (to buildings) on 9th July/or statistics (119 cf 19).<br><b>Note:</b> Comparison required. Accept reverse statements.<br>3 @ 1 mark  | 3     |
|           |  |       |
| 3(a)(iv)  | Ideas such as:<br>In the Philippines<br>Weak/unstable buildings/example of lack of earthquake proofing;<br>Lack of emergency services/rescue teams;<br>Lack of health care;<br>Population density may be higher;<br>Less education/awareness about earthquake survival/fewer emergency<br>drills;<br>Lack of evacuation plans/emergency protocol/Government emergency<br>planning policy;<br>Lack of first aid kits/survival kits;<br>Lack of first aid kits/survival kits;<br>Lack of access to area affected/roads (for rescue services);<br>Lack of food;<br>Lack of water/sanitation;<br>Lack of emergency shelter/camps available;<br>Etc.<br>Note: Accept any point made is implied comparison. Assume referring to<br>Philippines unless otherwise stated. Accept reverse statements. | 4     |
| 3(h)(i)   | 4 @ 1 mark   | 3     |
| 3(b)(i)   | <ul> <li>X = Focus/depth of focus.</li> <li>Y = epicentre.</li> <li>Z = seismic waves/shock waves/p waves/s waves.</li> </ul>  | 3     |
|           | 3 @ 1 mark   |       |

| Question | Answer  | Marks |
|----------|---|-------|
| 3(b)(ii) | Ideas such as:<br>Convection currents;<br>Plates are converging/moving towards each other/convergent boundary;<br>Subduction/one plate goes under the other;<br>The place which goes under is heavier/more dense;<br>Friction;<br>Pressure/energy build up/plates stick;<br>Pressure/tension/energy release;<br>Jolting/plates slip;<br>Etc.<br>5 @ 1 mark or development | 5     |
| 3(c)     | Levels marking  | 7     |
|          | Level 1 (1-3 marks)<br>Statements including limited detail which describe the problems of a volcanic eruption.<br>Level 2 (4-6 marks)<br>Uses named example.  |       |
|          | More developed statements which describe the problems of a volcanic eruption.   |       |
|          | (Note: Max 5 if no named or inappropriate example.)   |       |
|          | Level 3 (7 marks)<br>Uses named example.<br>Comprehensive and accurate statements including place specific<br>information.  |       |
|          | Content Guide:<br>Answers are likely to refer to:<br>Deaths/injuries;<br>Damage to buildings;<br>Damage/destruction of farms/crops;<br>Roads destroyed/blocked;<br>Flights disrupted;<br>Pollution of atmosphere;<br>Specified impacts on flora/fauna; etc.   |       |
|          | Place specific reference is likely to consist of:<br>Locational details,<br>Specific details of the volcano/impacts<br>Statistics/date etc.   |       |

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| Question  | Answer  | Marks |
|-----------|---|-------|
| 4(a)(i)   | Gently sloping beach with low cliffs.   | 1     |
|           | 1 mark  |       |
| 4(a)(ii)  | Ideas such as:<br>X/Fig. 4.2 is mainly pebbles/stones/rocks/mixture of different sized<br>material/pebbles and sand/coarse;<br>Y/Fig. 4.3 is mainly sand/fine material etc.   | 2     |
|           | 2 @ 1 mark  |       |
| 4(a)(iii) | Ideas such as:<br>Clay/soft material/unconsolidated;<br>Hydraulic action or description of process;<br>Abrasion/corrasion or description of process;<br>There is no protection (or example – groyne/sea wall etc.);<br><u>Waves</u> can reach them/wave attack/destructive waves/large waves/large<br>fetch;  | 3     |
|           | 3 @ 1 mark  |       |
| 4(a)(iv)  | One mark for identification of a method, second mark for explanation of how<br>it will protect the coast.<br>E.g.<br>Sea wall;<br>Revetment;<br>Gabion;<br>Riprap;<br>Rock armour;<br>Offshore barrier;<br>Resists wave attack/reduces wave energy/absorbs wave energy;<br>Strengthens cliff/stops waves from directly hitting cliff;<br>Reflects wave energy;<br>Groynes;<br>Retain/increases beach material/builds up beach to reduce power of<br>waves/prevents longshore drift;<br>Beach replenishment;<br>Offshore barrier;<br>Resists wave attack/reduces wave energy/absorbs wave energy;<br>Plant vegetation on sand dunes/cliff face;<br>Insert drainage pipes in cliffs;<br>Increase cliff stability/stops slumping; etc.<br>Reduces erosion or example such as hydraulic action; | 4     |
|           | 2 + 2 marks   |       |

May/June 2023

| Question | Answer  | Marks |
|----------|---|-------|
| 4(b)(i)  | Ideas such as:<br>Attached to/sheltered by a/the/other/spit;<br>N-S orientation/extends to the south;<br>Long and thin;<br>20–24 km long;<br>1–2 km width;<br>Wider at the end/tip;<br>Splits in two/has extra 'attachment'; etc.<br>3 @ 1 mark   | 3     |
| 4(b)(ii) | Ideas such as:<br>Formed by longshore drift;<br>Prevailing winds blow <u>at angle to land;</u><br>Wave approach/swash at an angle;<br>Backwash at right angles/straight back down beach;<br>Beach materials moved <u>with</u> waves/swash and backwash;<br>Zigzag movement;<br>Materials move along beach;<br>Materials deposited <u>at change in direction of coast/river mouth/bay;</u><br>End curved <u>by winds approaching from different direction</u> etc.<br><b>Note:</b> Accept correct labelling of the processes listed on a diagram but no<br>double credit.<br>5 @ 1 mark or development | 5     |

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| Question | Answer  | Marks |
|----------|---|-------|
| 4(c)     | Levels marking  | 7     |
|          | Level 1 (1-3 marks)<br>Statements including limited detail which explain why many people live in coastal area.  |       |
|          | Level 2 (4–6 marks)<br>Uses named example.  |       |
|          | More developed explanation or linked statements which explain why many people live in coastal area.   |       |
|          | (Note: Max 5 if no named or inappropriate example.)   |       |
|          | Level 3 (7 marks)<br>Uses named example.<br>Comprehensive and accurate statements including place specific<br>information.  |       |
|          | <u>Content Guide:</u><br>Answers are likely to refer to:<br>Work in tourist industry;<br>Fishing;<br>Port development/trade;<br>Industrial development;<br>Scenic beauty;<br>Fresh air;<br>Flat land;<br>Moderating influence of sea on climate;<br>Ease of communications etc. |       |
|          | Specified climate;<br>Activities – individual activities max $3 \times L1$ .  |       |
|          | Place specific reference is likely to consist of:<br>Locational details,<br>named places within coastal area,<br>specific details of attractions to settlement etc.   |       |

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| Question  | Answer   | Marks |
|-----------|--|-------|
| 5(a)(i)   | (Farming which) produces food for farmers own use/use of family/tribe.   | 1     |
|           | 1 mark   |       |
| 5(a)(ii)  | Lowland farmers plant rice = June/July.<br>Rice is harvested from irrigated land = April/May.  | 2     |
|           | 2 @ 1 mark   |       |
| 5(a)(iii) | Ideas such as:<br><u>To grow crops</u> in dry season/when not enough rain;<br>To have crops available at different times of year/all year/harvest twice a<br>year;<br>To increase yields/get more crops/healthier crops/grow <u>quicker</u> ;<br>To enable them to use land which would otherwise have little use etc.   | 3     |
|           | 3 @ 1 mark   |       |
| 5(a)(iv)  | Ideas such as:<br>Use of manure from animals for crop fields;<br>Increases yield of crops/get more crops/healthier crops/grow quicker/saves<br>cost of artificial fertilisers (exp);<br>Feeding of crop waste to animals;<br>Saves cost of buying animal feed/so they don't have to buy animal feed<br>(exp);<br>If one product fails, they still have others to sell;<br>If animals suffer from disease the crops may still grow (exp);<br>Enables use of land of all types;<br>Infertile/steep land can be used to graze sheep and fertile/flat land to grow<br>crops(exp);<br>Work can be done/income earned all year round;<br>Cows produce milk/lambs can be sold and money brought in without having<br>to wait for harvest of crops (exp);<br>Animals can be used for pulling ploughs/operating traditional irrigation<br>systems;<br>Saving money on fuel/machinery costs (exp);<br>Various types of food/products produced;<br>Varied diet (for subsistence farmers);<br>Etc. | 4     |
|           | Note: Credit explanation without description.  |       |
|           | 2 + 2 marks  |       |

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| Question | Answer  | Marks |
|----------|---|-------|
| 5(b)(i)  | Ideas such as:<br>In LEDCs;<br>Mainly in Africa;<br>Particularly in central area/tropical area/between Tropic of Cancer and<br>Capricorn/near equator/sub-Saharan;<br>Other countries in Southern/South-western/South-eastern/central<br>Asia/Western South America/Central America (one named part);<br>Example of one country in less than 2000 band e.g., Ethiopia, Nepal,<br>Mongolia, Zimbabwe, Chad, Angola, Peru, Afghanistan (MAX 1) etc.<br>3 @ 1 mark   | 3     |
| 5(b)(ii) | Ideas such as:<br>Rapidly growing/large population/large family/lots of children;<br>Drought/lack of rain;<br>Flooding;<br>Tropical storms/hurricanes/typhoons/cyclones;<br>Volcanic eruption;<br>Tsunami;<br>Poverty/people cannot afford food/high price of food/country cannot afford to<br>import food;<br>War/civil war/conflict;<br>Growth of cash crops/crops for export rather than crops for subsistence;<br>Loss of farmland/displacement of farmers <u>due to</u><br>urbanisation/factories/houses/hotels/tourism;<br>Many people only have a small amount of land/no land/fragmentation;<br>Infertile soils/soil degradation/soil erosion/soil exhaustion;<br>Crop diseases;<br>Pests;<br>Poor distribution of food/lack of/cannot afford transport of food;<br>Corruption prevents some groups of people receiving food;<br>Lack of education about e.g., crop rotation; etc.<br>5 @ 1 mark or development | 5     |

| Question | Answer   | Marks |
|----------|--|-------|
| 5(c)     | Levels marking<br>Level 1 (1-3 marks)<br>Statements including limited detail which describe and/or explain agricultural<br>land use in an area.  | 7     |
|          | Level 2 (4-6 marks)<br>Uses named example.   |       |
|          | Linked statements which describe <u>and</u> explain agricultural land use in an area.  |       |
|          | (Note: Max 5 if no named or inappropriate example.)  |       |
|          | Level 3 (7 marks)<br>Uses named example.   |       |
|          | Comprehensive and accurate statements, which describe and explain agricultural land use in an area including place specific information.   |       |
|          | <u>Content Guide:</u><br>Answers are likely to refer to:<br>Soil;<br>Climate;  |       |
|          | Relief;<br>Market availability;  |       |
|          | Accessibility;<br>Workforce;<br>Availability of finance;<br>Tradition;<br>Etc.   |       |
|          | Place specific reference is likely to consist of:<br>Named locational details,<br>Specific soil types,<br>Specific climatic details,<br>Named location of market areas,<br>Specific details of transport routes etc. |       |

| Question  | Answer   | Marks |
|-----------|--|-------|
| 6(a)(i)   | 2320 – 2350 (TWh).<br>1 mark   | 1     |
| 6(a)(ii)  | The country where the generation of electricity using nuclear power is predicted to decrease by 2035 = Japan.<br>The country where the greatest amount of total extra electricity generated is predicted to be from renewable methods = China.   | 2     |
|           | 2 @ 1 mark   |       |
| 6(a)(iii) | Ideas such as:<br>Both are expected to increase overall;<br>Greater overall increase expected in China;<br>China predicted to use more coal and USA predicted to use less;<br>Both are expected to use more gas/nuclear/renewables;<br>Greater increase expected in gas/nuclear/renewables in China;<br>Greater proportionate increase in renewables expected in USA than in<br>China etc.<br>3 @ 1 mark   | 3     |
| 6(a)(iv)  | Ideas such as:<br>Population growth;<br>Increase in use of electricity in factories/industrial/commercial growth or<br>example, such as more factories/offices/business/companies;<br>More electricity/technology/appliances/electronics used <u>in homes</u> /more<br>homes;<br>Examples such as washing machines/air conditioning/mobile<br>phones/laptops/TV/lighting/heating;<br>Increase in use of electricity in transport;<br>Examples e.g., electric cars/electric trains etc;<br>Development of electricity supply network/grid (in LEDCs);<br>Innovation in electricity supply/skills/technology/funding to develop energy<br>source or example; | 4     |
|           | 4 @ 1 mark   |       |
| 6(b)(i)   | Ideas such as:<br>Radiation;<br>Nuclear/radioactive waste/waste takes a long time to decay/become safe;<br>Meltdown;<br>Expense of construction/take a long time to construct;<br>Expense of/time to decommission;<br>Security threat;<br>Etc.   | 3     |
|           | 3 @ 1 mark   |       |

| Question | Answer  | Marks |
|----------|---|-------|
| 6(b)(ii) | Candidates can choose any of the three plans. Marks to be awarded for advantages of chosen plan and disadvantages of those rejected:  | 5     |
|          | Plan 2:<br>Use of wind power is dependent on wind blowing continually/<br>Wind power generates a relatively small amount of power/would be<br>insufficient for use in an MEDC in Europe/upland areas could be destroyed<br>visually by so many wind turbines;   |       |
|          | E.g., Increase the amount of wind generators offshore and in the mountains. ( <i>Plan 2</i> ):<br>Wind energy is renewable/sustainable/oil and gas, coal will eventually run  |       |
|          | out;<br>Running costs will be low/it will be cheaper to use than oil and gas/coal;<br>No atmospheric pollution will be caused/oil, coal, gas will pollute the<br>atmosphere;<br>Global warming will be reduced;   |       |
|          | Plan 3:<br>May not find gas/oil/a long time from exploration to use;<br>Specified environmental problems e.g., oil spills;<br>Expense of exploration/construction/wages for workers;<br>Cost of/reduced reliance on imports of oil/gas; etc.  |       |
|          | E.g., Search for oil and gas in offshore areas (Plan 3):<br>More jobs are created than using wind generators/importing coal;<br>Existing energy infrastructure e.g., oil/gas fired power stations;<br>Use of vehicles is dependent on oil and gas;<br>Cost of/reduced reliance on imports of oil/gas;                 |       |
|          | Plan 4:<br>Imports of coal will increase import costs/balance of trade deficit;<br>Imports could be cut off in time of conflict etc.<br>Imports of coal will increase import costs/balance of trade deficit/imports<br>could be cut off in time of conflict;  |       |
|          | E.g., <i>Import large amounts of coal from China:</i><br>Existing energy infrastructure/power stations may be dependent on coal;<br>Will enable the country to conserve home supplies of fossil fuels;<br>Import of Chinese coal may be at lower cost than costs of mining home coal<br>or searching for oil and gas; |       |
|          | Etc.  |       |
|          | <b>Note</b> : Plan 1 = 0.<br><b>Note:</b> Do not credit opposite ideas of renewable/non-renewable.  |       |
|          | 3 + 1 + 1 marks   |       |

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| Question | Answer   | Marks |
|----------|--|-------|
| 6(c)     | Levels marking   | 7     |
|          | Level 1 (1-3 marks)<br>Statements including limited detail which describe the methods used to supply water.  |       |
|          | Level 2 (4-6 marks)<br>Uses named example.   |       |
|          | More developed explanation or linked statements which describe the methods used to supply water.   |       |
|          | (Note: Max 5 if no named or inappropriate example.)  |       |
|          | Level 3 (7 marks)<br>Comprehensive and accurate statements which describe the methods used<br>to supply water, including place specific information.   |       |
|          | Content Guide:<br>Answers are likely to refer to:<br>Dams/reservoirs;<br>Wells;<br>Pumping water from aquifer;<br>Desalination;<br>Water treatment;<br>Water transfer/import of water;<br>Bottled water;<br>Rain harvesting etc. |       |
|          | <u>Place specific reference is likely to consist of:</u><br>Named places,<br>Specific details/statistics about water supply.   |       |