

# Mark Scheme (Results) Summer 2008

IGCSE

## IGCSE Geography (4370/1F)

## Unit 4370 Paper 1F

### 1. Water

Question Number	Answer	Mark
1(a)(i)	1 mark for correct date.  <ul style="list-style-type: none"> <li>• 9 August</li> </ul>	(1)

Question Number	Answer	Mark
1(a)(ii)	Stream A <ul style="list-style-type: none"> <li>• 48 hours</li> </ul>	1
	Stream B <ul style="list-style-type: none"> <li>• 96 hours</li> </ul>	1
		(2)

Question Number	Answer	Mark
1(a)(iii)	1 mark for correctly marked base flow of Stream A - see below.  <ul style="list-style-type: none"> <li>• expect straightish line between 7 and 11 August plots</li> </ul>	(1)

Question Number	Answer	Mark
1(a)(iv)	1 mark for correct answer.  <ul style="list-style-type: none"> <li>• valid definition e.g. amount/volume of water</li> </ul>	(1)

Question Number	Answer	Mark
1(a)(v)	1 mark for each valid difference from the following.  <ul style="list-style-type: none"> <li>• e.g. regular v irregular;</li> <li>• low v higher</li> </ul> <p style="text-align: right;">(2 x 1)</p> <p><b>Notes</b></p> <ul style="list-style-type: none"> <li>• expect difference to be evident</li> </ul>	(2)

Question Number	Answer	Mark
1(a)(vi)	<p>2 marks for each reason given. 1 mark for partial process and 1 mark for development.</p> <p>1 mark for partial process</p> <ul style="list-style-type: none"> <li>e.g. high run-off</li> </ul> <p>1 mark for development</p> <ul style="list-style-type: none"> <li>i.e. impermeability/flashiness in each case.</li> </ul> <p>(2 x 2)</p>	(4)

Question Number	Answer	Mark
1(b)	<p>2 marks for each explanation. 1 mark for stated impact in each case and 1 mark for explanation.</p> <p>1 mark for stated impact</p> <ul style="list-style-type: none"> <li>e.g. urban land increases discharge</li> </ul> <p>1 mark for explanation</p> <ul style="list-style-type: none"> <li>e.g. impermeability of</li> </ul> <p>(2 x 2)</p>	(4)

(Total 15 marks)

## 2. Hazards

Question Number	Answer	Mark
2(a)(i)	<p>1 mark for each correctly stated class of earthquake.</p> <ul style="list-style-type: none"> <li>• 1. major</li> <li>• 2. great</li> </ul> <p style="text-align: right;">(2 x 1)</p>	(2)

Question Number	Answer	Mark
2(a)(ii)	<p>1 mark for correct answer.</p> <ul style="list-style-type: none"> <li>• moderate</li> </ul>	1 (1)

Question Number	Answer	Mark
2(b)(i)	<p>2 marks for valid definition - see below.</p> <ul style="list-style-type: none"> <li>• Valid definition i.e. point on Earth's surface above origin (2 marks)</li> </ul> <p><b>Notes</b> Partial definition = 1 mark.</p>	(2)

Question Number	Answer	Mark
2(b)(ii)	<p>1 mark for each correct answer from the following.</p> <ul style="list-style-type: none"> <li>• less damage further from</li> <li>• e.g. structural damage in zone 1; furniture rattles in zone 3</li> </ul>	(2)

Question Number	Answer	Mark
2(c)	<p>1 mark for each correct answer from the following - maximum 4 marks.</p> <ul style="list-style-type: none"> <li>• 1 - 3 marks buildings;</li> <li>• 3 - 1 mark transport.</li> <li>• Point mark within those parameters <ul style="list-style-type: none"> <li>• e.g. knock down weak buildings (1);</li> <li>• slight damage to resistant buildings (1);</li> <li>• train rails bend (1)</li> </ul> </li> </ul>	(4)

Question Number	Answer	Mark
2(d)	<p>1 mark for each correct answer from the following - maximum 4 marks.</p> <ul style="list-style-type: none"> <li>• 1 - 3 marks prediction;</li> <li>• 3 - 1 marks preparation.</li> <li>• Point marking <ul style="list-style-type: none"> <li>• e.g. drills (1);</li> <li>• disaster plans (1)</li> <li>• emergency supplies (1) → development / named examples (1)</li> <li>• Sensitive equipment (1);</li> <li>• mapping previous quakes (1);</li> <li>• observing animal behaviour (1)</li> </ul> </li> </ul>	(4)

(Total 15 marks)

### 3. Production

Question Number	Answer	Mark
3(a)(i)	1 mark for correct answer.  <ul style="list-style-type: none"> <li>Natural gas</li> </ul>	1  (1)

Question Number	Answer	Mark
3(a)(ii)	1 mark for each correct answer from any of the following - maximum 2 marks.  <ul style="list-style-type: none"> <li>wind;</li> <li>wave;</li> <li>tidal;</li> <li>HEP;</li> <li>solar</li> </ul>	(2 x 1)  (2)

Question Number	Answer	Mark
3(a)(iii)	1 mark per valid advantage - maximum 2 marks.  <ul style="list-style-type: none"> <li>clean or equivalent</li> <li>inexhaustible or equivalent</li> </ul> 1 mark per valid advantage. Credit any distinctive advantage.	(2)

Question Number	Answer	Mark
3(a)(iv)	1 mark for each correct answer from any of the following - maximum 2 marks.  <ul style="list-style-type: none"> <li>1 mark for clarifying/understanding concept of energy "mix" (e.g. 1 mark = not overdependent; 1 mark = energy very important)</li> <li>Other valid points = 1 mark</li> </ul>	(2)

Question Number	Answer	Mark
3(b)(i)	1 mark for correct answer.  <ul style="list-style-type: none"> <li>Valid source e.g. petrol in cars</li> </ul>	(1)

Question Number	Answer	Mark
3(b)(ii)	<p>1 mark per valid reason - maximum 3 marks.</p> <p>For maximum 3 stated factors</p> <ul style="list-style-type: none"> <li>• e.g. rising living standards;</li> <li>• more transport</li> </ul> <p>or 2 factors with development.</p> <p style="text-align: right;">(3 x 1 or 1 + 1 + 1)</p>	(3)

Question Number		
3(c)		
Level	Mark	Descriptor
Level 1	1-2	States advantages e.g. guaranteed; no CO <sub>2</sub> emissions;
Level 2	3-4	Developed into an argument e.g. not import-reliant; CO <sub>2</sub> emissions serious issue. Expect disadvantages and evaluative comment for max mark.

(Total 15 marks)

#### 4. Development

Question Number	Answer	Mark
4(a)(i)	1 mark for correct answer.  <ul style="list-style-type: none"> <li>China</li> </ul>	(1)

Question Number	Answer	Mark
4(a)(ii)	1 mark for correct answer.  <ul style="list-style-type: none"> <li>Any G7 country except USA, Japan, Germany (i.e. UK; France; Italy, Canada)</li> </ul> Reject USA.	(1)

Question Number	Answer	Mark
4(a)(iii)	1 mark for correct answer.  <ul style="list-style-type: none"> <li>Credit fall/decline or equivalent</li> </ul>	(1)

Question Number	Answer	Mark
4(a)(iv)	2 marks for valid definition - see below.  <ul style="list-style-type: none"> <li>Valid and full definition (not Gross Domestic Product only)</li> </ul> <b>Notes</b> Partial indication = 1 mark	(2)

Question Number	Answer	Mark
4(b)	2 marks for each option. 1 mark for each correct answer from the following - see below. Maximum of 6 marks available.  In each case, max for 2 valid points or one developed point <ul style="list-style-type: none"> <li>e.g. 1 new markets → more production → income from abroad = max 2 marks</li> <li>Expect basic point to be higher productivity for 2 and large labour force for 3</li> </ul> <p style="text-align: right;">(3 x 2)</p>	(6)



Question Number	Answer	Mark
4(c)	<p>2 marks for description and then 2 marks for reason - maximum 4 marks.</p> <p>Description</p> <ul style="list-style-type: none"> <li>• 1 - 2 mark i.e. rapid urban rise; slower rural rise</li> </ul> <p>Reasons</p> <ul style="list-style-type: none"> <li>• 1 - 2 marks (e.g. urban industrialisation)</li> <li>• developed explanation or second region for max mark.</li> </ul>	(4)

(Total 15 marks)

## 5. Migration

Question Number	Answer	Mark
5(a)(i)	<p>1 mark for each word placed in correct blank space.</p> <ul style="list-style-type: none"> <li>• Africa</li> <li>• Immigrants</li> </ul> <p>(2 x 1)</p>	(2)

Question Number	Answer	Mark
5(a)(ii)	<p>1 correct answer from any of the following. 1 mark for each valid obstacle - maximum 2 marks.</p> <ul style="list-style-type: none"> <li>• Distance;</li> <li>• cash;</li> <li>• crowded boat;</li> <li>• dangers</li> </ul> <p>(2 x 1)</p>	(2)

Question Number	Answer	Mark
5(a)(iii)	<p>1 mark for correct definition - see below.</p> <ul style="list-style-type: none"> <li>• Credit valid statement e.g. arrives without government permission</li> </ul>	(1)

Question Number	Answer	Mark
5(b)	<p>2 marks for each explanation. 1 mark for correctly identifying factor and 1 mark for justification/explanation. Maximum of 6 marks available.</p> <p>3 x 1 for identifying factors correctly as:</p> <ul style="list-style-type: none"> <li>• push or pull e.g. poverty = push</li> </ul> <p>1 mark in each case for justification/explanation.</p> <p>(3 x 2)</p>	(6)

Question Number	Answer	Mark
5(c)	<p>1 mark for each correct answer - see below. Maximum of 4 marks.</p> <p>1 mark for valid reaction</p> <ul style="list-style-type: none"><li>• e.g. happy to let them go;</li><li>• keen to stop them</li></ul> <p>Why = 3 marks.</p> <ul style="list-style-type: none"><li>• 2 reasons with 1 developed = max.</li><li>• Reasons for stated reaction sought.</li></ul> <p><b>Notes</b> Max of 2 if reaction not at least implicit.</p>	(4)

(Total 15 marks)

## 6. Urban Environments

Question Number	Answer	Mark
6(a)(i)	1 mark for correct answer.  <ul style="list-style-type: none"> <li>Rural-urban fringe</li> </ul>	1  (1)

Question Number	Answer	Mark
6(a)(ii)	1 mark for both answers correct - maximum 1 mark.  <ul style="list-style-type: none"> <li>A - Greenfield land</li> <li>B - outer suburbs</li> </ul>	1  (1)

Question Number	Answer	Mark
6(a)(iii)	1 mark for correct feature.  <ul style="list-style-type: none"> <li>Road or equivalent</li> </ul>	  (1)

Question Number	Answer	Mark
6(a)(iv)	1 mark for each correct answer - see below.  <ul style="list-style-type: none"> <li>1 valid point e.g. green belt (1)</li> <li>with development (1)</li> <li>or 2 valid points e.g. road</li> </ul> <p style="text-align: right;">(2 x 1)</p>	     (2)

Question Number	Answer	Mark
6(a)(v)	3 marks for each group. 1 mark for group and 2 marks for reason given - see below. Maximum of 6 marks.  <ul style="list-style-type: none"> <li>1 mark per valid group e.g. distributors</li> <li>mark each reason out of 2 with brief reason (1) and developed reason worth 2.</li> </ul> <p style="text-align: right;">(2 x 3)</p>	       (6)

Question Number	Answer	Mark
6(a)(vi)	<p>1 mark for each correct answer - see below. Maximum of 4 marks.</p> <p>Allocate 2 marks to conflict with residents and 2 to conflict with environmentalists.</p> <ul style="list-style-type: none"> <li>• In each case: <ul style="list-style-type: none"> <li>• conflict outlined (1)</li> <li>• conflict developed (2).</li> </ul> </li> </ul> <p><b>Notes</b> Responses not showing conflict with named developer limited to 2 x 1. Otherwise 2 x 2.</p>	(4)

(Total 15 marks)

Total for Section A: 90 marks

## 7. Fragile Environments

Question Number	Answer	Mark
7(a)(i)	1 mark for correct answer.  <ul style="list-style-type: none"> <li>• north</li> </ul>	1 (1)

Question Number	Answer	Mark
7(a)(ii)	1 mark for correct answer.  <ul style="list-style-type: none"> <li>• Intermittent river</li> </ul>	1 (1)

Question Number	Answer	Mark
7(a)(iii)	1 mark for each correct answer - see below. Maximum 2 marks.  <ul style="list-style-type: none"> <li>• Little or no rainfall (1)</li> <li>• low and unreliable rainfall and permanent river (1)</li> </ul> Expect both for max mark. (2 x 1)	(2)

Question Number	Answer	Mark
7(b)(i)	1 mark for correct definition - see below.  <ul style="list-style-type: none"> <li>• Accept valid definition i.e. very dry; no rainfall</li> </ul>	(1)

Question Number	Answer	Mark
7(b)(ii)	Soil erosion <ul style="list-style-type: none"> <li>• The washing away or blowing away of soil</li> </ul> desertification <ul style="list-style-type: none"> <li>• little vegetation now covering an area</li> </ul> Credit only if one X in column.	1  1 (2)

Question Number	Answer	Mark
7(b)(iii)	1 mark for each correct reason from any of the following. Maximum 2 marks.  <ul style="list-style-type: none"> <li>• Credit any 2 valid reasons e.g. no plants grow;</li> <li>• water table falls;</li> <li>• bare soil left</li> </ul> (2 x 1)	(2)

Question Number	Answer	Mark
7(c)(i)	<p>1 mark for each correct answer. Maximum 2 marks.</p> <p>2 valid ways:</p> <ul style="list-style-type: none"> <li>• e.g. overgrazing;</li> <li>• deforestation</li> </ul> <p style="text-align: right;">(2 x 1)</p>	(2)

Question Number	Answer	Mark
7(c)(ii)	<p>1 mark for each correct answer. Maximum 3 marks.</p> <p>Credit either up to 3 basic ways</p> <ul style="list-style-type: none"> <li>• e.g. little use for farming;</li> <li>• famine;</li> <li>• or a developed consequence.</li> </ul> <p style="text-align: right;">(3 x 1)</p>	(3)

Question Number		
7(d)		
Level	Mark	Descriptor
Level 1	1-2	expect a list of measures e.g. afforestation
Level 2	3-4	expect some description, perhaps outlining of a measure
Level 3	5-6	Expect either a range of place-located measures outlined or a detailed case study (e.g. magic stones in Burkina Faso)

(Total 20 marks)

## 8. Globalisation

Question Number	Answer	Mark
8(a)(i)	1 mark for correct answer.  <ul style="list-style-type: none"> <li>LEDC → NIC</li> </ul>	1  (1)

Question Number	Answer	Mark
8(a)(ii)	1 mark for correctly marked LEDC.  <ul style="list-style-type: none"> <li>Credit any valid LEDC e.g. Kenya; Bangladesh</li> </ul>	(1)

Question Number	Answer	Mark
8(a)(iii)	1 mark for 2 correctly marked MEDC countries  <ul style="list-style-type: none"> <li>Suggest two of: USA (or N America); Japan; Australasia (or Oceania); EU member countries.</li> </ul> Both required.	(1)

Question Number	Answer	Mark
8(a)(iv)	Chinese investment into Africa <ul style="list-style-type: none"> <li>C</li> </ul>	1
	UK companies transfer production to Bangladesh <ul style="list-style-type: none"> <li>D</li> </ul>	1
	South Korean companies build factories in the UK <ul style="list-style-type: none"> <li>A</li> </ul>	1
	UK shops are full of cheaper Asian goods <ul style="list-style-type: none"> <li>B</li> </ul> (4 x 1)	1  (4)

Question Number	Answer	Mark
8(a)(v)	1 mark for correctly labelled arrow.  <ul style="list-style-type: none"> <li>Suggest: MEDC → LEDC</li> </ul> <b>Notes</b> (accept NIC → LEDC)	(1)



Question Number	Answer	Mark
8(a)(vi)	1 mark for correct term.  <ul style="list-style-type: none"> <li>• Global shift</li> </ul>	(1)

Question Number	Answer	Mark
8(b)(i)	1 mark each for each correct answer - see below. Maximum 2 marks.  Credit two valid aspects of a TNC <ul style="list-style-type: none"> <li>• e.g. cross-borders;</li> <li>• H/Q overseas</li> </ul> <p style="text-align: right;">(2 x 1)</p>	(2)

Question Number	Answer	Mark
8(b)(ii)	1 mark for each correct answer from any of the following. Maximum 2 marks. <ul style="list-style-type: none"> <li>• key part (1);</li> <li>• drive globalisation (1);</li> <li>• globalisation defined (1);</li> <li>• import goods (1);</li> <li>• export capital (1)</li> </ul>	(3)

Question Number		
8(c)		
Level	Mark	Descriptor
Level 1	1-2	expect simple, generic points (e.g. profit), or specific but outline individual point (e.g. low labour costs)
Level 2	3-4	expect at least two specific and relevant reasons (e.g. creation of new local markets; poorer working conditions permissible)
Level 3	5-6	expect explanation of at least two of these specific and relevant reasons.

(Total 20 marks)

## 9. Human Welfare

Question Number	Answer	Mark
9(a)(i)	1 mark for correct country.  <ul style="list-style-type: none"> <li>• Japan</li> </ul>	(1)

Question Number	Answer	Mark
9(a)(ii)	1 mark for correct country.  <ul style="list-style-type: none"> <li>• Sierra Leone</li> </ul>	(1)

Question Number	Answer	Mark
9(a)(iii)	1 mark for correctly drawn trend (best-fit) line - see below.  <ul style="list-style-type: none"> <li>• Approx from 0.2 on vertical scale to USA dot as straight line.</li> </ul>	(1)

Question Number	Answer	Mark
9(a)(ii)	1 mark for correct answer - see below. Maximum 1 mark.  <ul style="list-style-type: none"> <li>• low HDI and low GDP pp etc or equivalent</li> </ul>	(1)

Question Number	Answer	Mark
9(a)(ii)	1 mark for any one correct LEDC. Maximum 1 mark.  <ul style="list-style-type: none"> <li>• Accept any one of Cuba, Georgia, Tajikstan, Vietnam</li> </ul>	(1)

Question Number	Answer	Mark
9(a)(vi)	1 mark for each correct answer - see below. 2 marks available for each point. Maximum of 4 marks.  1. <ul style="list-style-type: none"> <li>• resources/affordability idea (1); development/application to HDI e.g. schools (1)</li> </ul> 2. <ul style="list-style-type: none"> <li>• spending priorities idea (1); development/exemplification e.g. nurses v soldiers (1)</li> </ul> <p style="text-align: right;">(2 x 2)</p>	(4)

Question Number	Answer	Mark
9(a)(vii)	1 mark for correct definition - see below.  <ul style="list-style-type: none"> <li>Valid definition i.e. average length of life</li> </ul>	(1)

Question Number	Answer	Mark
9(b)	1 mark for each valid indicator of derivation, e.g. income level, overcrowding. 2 <sup>nd</sup> mark in each case of description/ development (e.g. meaning of indicator, how it indicates deprivation).  (4 x 1)	(4)

Question Number		
9(c)		
Level	Mark	Descriptor
Level 1	1-2	expect short list of valid factors, perhaps generic e.g. de-industrialisation; immigrants
Level 2	3-4	expect reference to named city and either long list of tied factors or short list of tied and developed factors
Level 3	5-6	expect case study-style approach with city knowledge. City to be named and factors to be turned into at least 2 full reasons.

(Total 20 marks)

Total for Section B: 20 marks

Total for Paper: 110 marks