Geography marking guide and response

Sample external assessment 2020

Combination response (55 marks)

Assessment objectives

This assessment instrument is used to determine student achievement in the following objectives:

1. explain geographical processes by describing the features, elements and interactions of demographic processes that shape the identity of places and result in patterns of population change

2. comprehend geographic patterns by recognising spatial patterns of demographic change for places at global, regional and local scales of study, identifying relationships and the implications for people and places

3. analyse geographic data and information by selecting and interpreting demographic data to infer how patterns, trends and relationships represent a geographical challenge in relation to global population change

4. apply geographical understanding by extrapolating from their analysis to generalise about the impacts of demographic change for places of origin and places of destination globally

6. communicate geographical understanding of global, regional and local demographic change and the challenge for sustainable management by selecting and using cartographic, graphic, written and mathematical skills in short and extended responses

Note: Objective 5 is not assessed in this instrument.

Introduction

The Queensland Curriculum and Assessment Authority (QCAA) has developed mock external assessments for each General senior syllabus subject to support the introduction of external assessment in Queensland.

An external assessment marking guide (EAMG) has been created specifically for each mock external assessment.

The mock external assessments and their marking guides were:

- developed in close consultation with subject matter experts drawn from schools, subject associations and universities

- aligned to the external assessment conditions and specifications in General senior syllabuses

- developed under secure conditions.

Purpose

This document consists of an EAMG and an annotated response.

The EAMG:

- provides a tool for calibrating external assessment markers to ensure reliability of results

- indicates the correlation, for each question, between mark allocation and qualities at each level of the mark range

- informs schools and students about how marks are matched to qualities in student responses.

Mark allocation

Where a response does not meet any of the descriptors for a question or a criterion, a mark of '0' will be recorded.

Where no response to a question has been made, a mark of 'N' will be recorded.

External assessment marking guide (EAMG)

Short response

Question	The response	Mark
1a)	• correctly explains rate of natural change as the difference between birth rates and death rates	1
	• does not satisfy any of the descriptors above.	0

Question	The response	Mark
1b)	• explains that rate of natural change can be positive or negative • explains that population will decline if death rate is greater than birth rate, and population growth is dependent on migration • explains that population will increase if death rate is less than birth rate, resulting in a youthful population	3
	• explains that population will decline if death rate is greater than birth rate • explains that population will increase if death rate is less than birth rate	2
	• makes a relevant statement about changing population concerning birth rates or death rates	1
	• does not satisfy any of the descriptors above.	0

Question	The response	Mark	The response	Mark	The response	Mark	The response	Mark
2a)	• places the dependent variable (RNI) on vertical axis and independent variable (GDP) on horizontal axis	1	• uses appropriate scales	1	• correctly plots the line of best fit (negative correlation)	1	• correctly plots all of the data	3
	• does not satisfy any of the descriptors above.	0	• does not satisfy any of the descriptors above.	0	• does not satisfy any of the descriptors above.	0	• plots all of the data	2
							• plots some of the data	1
							• does not satisfy any of the descriptors above.	0

Question	The response	Mark
2b)	• correctly identifies a clustered spatial pattern • identifies Albania as the outlier • explains the negative correlation using examples from the graph • makes plausible inferences about how Niger could move closer to the line of best fit	7
	• correctly identifies a clustered spatial pattern • explains the negative correlation using examples from the graph • makes plausible inferences about how Niger could move closer to the line of best fit	6
	• describes the spatial pattern • explains the negative correlation using examples from the graph • makes inferences about how Niger could move closer to the line of best fit	5
	• describes the spatial pattern • identifies a negative correlation • makes an inference about how Niger could move closer to the line of best fit	4
	• describes a spatial pattern • makes an inference about how Niger could move closer to the line of best fit	3
	• describes a spatial pattern OR • makes an inference about how Niger could move closer to the line of best fit	2
	• makes a relevant statement about an aspect of the pattern in the graph	1
	• does not satisfy any of the descriptors above.	0

Question	The response	Mark
3a)	• correctly defines international migration, including that it may be forced or voluntary	1
	• does not satisfy any of the descriptors above.	0

Question	The response	Mark
3b)	• provides a detailed explanation, referring to three factors	4
	• provides a detailed explanation, referring to two factors	3
	• provides a detailed explanation, referring to one factor OR • provides an explanation of how the factors contribute to international migration	2
	• provides an explanation of how one factor contributes to international migration	1
	• does not satisfy any of the descriptors above.	0

Question	The response	Mark
4a)	• shows the correctly drawn population pyramid for each of the 5 stages	5
	• shows the correctly drawn population pyramid for 4 of the stages	4
	• shows the correctly drawn population pyramid for 3 of the stages	3
	• shows the correctly drawn population pyramid for 2 of the stages	2
	• shows the correctly drawn population pyramid for 1 of the stages	1
	• does not satisfy any of the descriptors above.	0

Question	The response	Mark
4b)	• provides a detailed explanation, including an example of contemporary populations that can be identified for the five stages of the DTM • identifies two plausible implications for places that are in Stage 5	5
	• provides a detailed explanation, including an example of contemporary populations that can be identified for four stages of the DTM • identifies two plausible implications for places that are in Stage 5	4
	• provides a detailed explanation, including an example of contemporary populations that can be identified for three stages of the DTM • identifies a plausible implication for places that are in Stage 5	3
	• provides an explanation of Stage 5 of the DTM • identifies an implication for places that are in Stage 5	2
	• provides an explanation of the DTM OR • identifies an implication for places that are in Stage 5	1
	• does not satisfy any of the descriptors above.	0

Question	The response	Mark
5	• identifies the declining trend for TFR for both countries • provides a detailed explanation of the changing patterns of fertility for both countries • provides a detailed explanation of the changing contribution of each country to global population • uses appropriate and detailed data to support the explanation	8
	• identifies the declining trend for TFR for both countries • provides a detailed explanation of the changing patterns of fertility for both countries • provides a detailed explanation of the changing contribution of each country to global population • uses appropriate data to support the explanation	7
	• identifies the declining trend for TFR for both countries • provides an explanation of the changing patterns of fertility for both countries • provides a detailed explanation of either China or India's changing contribution to global population • uses appropriate data to support the explanation	6
	• identifies the declining trend for TFR for both countries • provides an explanation of the changing patterns of fertility for either China or India • provides an explanation of either China or India's changing contribution to global population • uses appropriate data to support the explanation	5
	• identifies the declining trend for TFR for both countries • provides an explanation of the changing patterns of fertility for either China or India • uses appropriate data to support the explanation OR • identifies the declining trend for TFR for both countries • provides an explanation of either China or India's changing contribution to global population • uses appropriate data to support the explanation	4
	• provides an explanation of either China or India's contribution to global population • uses appropriate data to support the explanation	3

Question	The response	Mark
	OR • describes the pattern of fertility for China and India • uses appropriate data to support the explanation	
	• describes the fertility rates for China and India • makes a relevant statement about global population trends	2
	• describes the fertility rates for China and India OR • makes a relevant statement about global population trends	1
	• does not satisfy any of the descriptors above.	0

Extended response

Question	The response	Mark	The response	Mark
6	• provides a detailed explanation of the demographic challenges • selects comprehensive data and information to support the explanation • makes insightful inferences about the impacts on people or places	10	• communicates meaning coherently and fluently • uses spelling, punctuation and grammar proficiently • uses correct geographical terminology	5
	• provides a detailed explanation of the demographic challenges • selects comprehensive data and information to support the explanation • makes inferences about the impacts on people or places	9	• communicates meaning coherently • uses spelling, punctuation and grammar proficiently • uses correct geographical terminology	4
	• provides an explanation of a demographic challenge • selects comprehensive data and information to support the explanation • makes inferences about the impacts on people or places	8	• communicates meaning • uses spelling, punctuation and grammar with control • uses correct geographical terminology	3
	• provides an explanation of a demographic challenge • selects relevant data and information to support the explanation • makes inferences about the impacts on people or places	7	• communicates meaning • demonstrates inconsistent control of spelling, grammar and/or punctuation	2
	• provides an explanation of a demographic challenge • selects relevant data and information to support the explanation • describes impacts on people or places	6	• communicates some meaning • demonstrates inconsistent control of spelling, grammar and/or punctuation	1

Question	The response	Mark	The response	Mark
	• identifies a demographic challenge • describes social conditions evident in the stimulus • describes environmental conditions evident in the stimulus • identifies impacts on people or places	5	• does not satisfy any of the descriptors above.	0
	• makes relevant statements about the migration of Chinese workers • describes social conditions evident in the stimulus • describes environmental conditions evident in the stimulus	4		
	• makes a relevant statement about the migration of Chinese workers • describes aspects of the stimulus	3		
	• makes a relevant statement about the migration of Chinese workers OR • describes aspects of the stimulus	2		
	• makes a relevant statement about the migration of Chinese workers	1		
	• does not satisfy any of the descriptors above.	0		