



GCSE MARKING SCHEME

SUMMER 2018

GEOGRAPHY SPECIFICATION B COMPONENT 2 C112U20-1

INTRODUCTION

This marking scheme was used by WJEC for the 2018 examination. It was finalised after detailed discussion at examiners' conferences by all the examiners involved in the assessment. The conference was held shortly after the paper was taken so that reference could be made to the full range of candidates' responses, with photocopied scripts forming the basis of discussion. The aim of the conference was to ensure that the marking scheme was interpreted and applied in the same way by all examiners.

It is hoped that this information will be of assistance to centres but it is recognised at the same time that, without the benefit of participation in the examiners' conference, teachers may have different views on certain matters of detail or interpretation.

WJEC regrets that it cannot enter into any discussion or correspondence about this marking scheme.

GCSE GEOGRAPHY COMPONENT 2

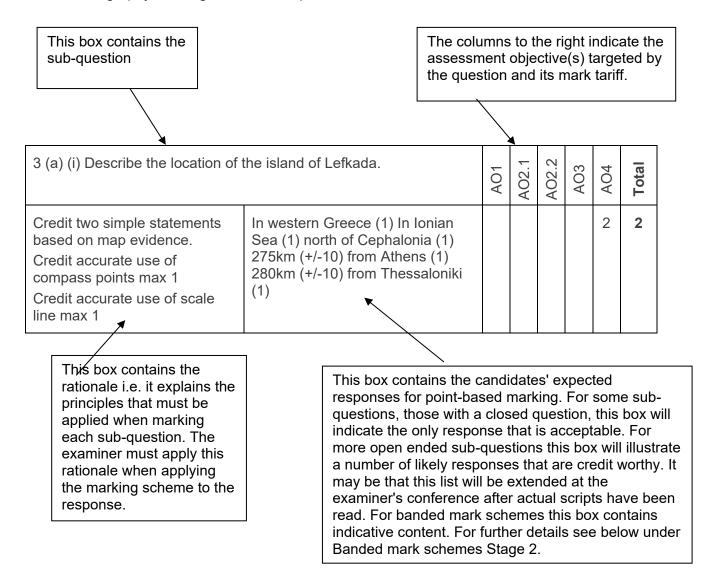
SUMMER 2018 – MARK SCHEME

Instructions for examiners of GCSE Geography when applying the marking scheme

1 Positive marking

It should be remembered that learners are writing under examination conditions and credit should be given for what the learner writes, rather than adopting the approach of penalising him/her for any omissions. It should be possible for a very good response to achieve full marks and a very poor one to achieve zero marks. Marks should not be deducted for a less than perfect answer if it satisfies the criteria of the mark scheme.

GCSE Geography marking schemes are presented in a common format as shown below:



PMT

2 Tick marking

Low tariff questions should be marked using a points-based system. Each credit worthy response should be ticked in red pen. The number of ticks must equal the mark awarded for the sub-question. The mark scheme should be applied precisely using the expected outcomes box as a guide to the responses that are acceptable. Do not use crosses to indicate answers that are incorrect. If the candidate has not attempted the question then the examiner should strike through the available dotted lines with a diagonal line.

3 Banded mark schemes

Banded mark schemes are divided so that each band has a relevant descriptor. The descriptor for the band provides a description of the performance level for that band. Each band contains marks. Examiners should first read and annotate a learner's answer to pick out the evidence that is being assessed in that question. **Do not use ticks** on the candidate's response. Once the annotation is complete, the mark scheme can be applied. This is done as a two stage process.

Stage 1 – Deciding on the band

When deciding on a band, the answer should be viewed holistically. Beginning at the lowest band, examiners should look at the learner's answer and check whether it matches the descriptor for that band. Examiners should look at the descriptor for that band and see if it matches the qualities shown in the learner's answer. If the descriptor at the lowest band is satisfied, examiners should move up to the next band and repeat this process for each band until the descriptor matches the answer.

If an answer covers different aspects of different bands within the mark scheme, a 'best fit' approach should be adopted to decide on the band and then the learner's response should be used to decide on the mark within the band. For instance if a response is mainly in band 2 but with a limited amount of band 3 content, the answer would be placed in band 2, but the mark awarded would be close to the top of band 2 as a result of the band 3 content.

Examiners should not seek to mark candidates down as a result of small omissions in minor areas of an answer.

Stage 2 – Deciding on the mark

Once the band has been decided, examiners can then assign a mark. During standardising (marking conference), detailed advice from the Principal Examiner on the qualities of each mark band will be given. Examiners will then receive examples of answers in each mark band that have been awarded a mark by the Principal Examiner. Examiners should mark the examples and compare their marks with those of the Principal Examiner.

When marking, examiners can use these examples to decide whether a learner's response is of a superior, inferior or comparable standard to the example. Examiners are reminded of the need to revisit the answer as they apply the mark scheme in order to confirm that the band and the mark allocated is appropriate to the response provided.

Indicative content is also provided for banded mark schemes. Indicative content is not exhaustive, and any other valid points must be credited. In order to reach the highest bands of the mark scheme a learner need not cover all of the points mentioned in the indicative content but must meet the requirements of the highest mark band. Where a response is not creditworthy, that is contains nothing of any significance to the mark scheme, or where no response has been provided, no marks should be awarded.

(a) Describe how hurricanes are selecting words or numbers from	formed. Complete the sentences by the box below.	A01	AO2.1	A02.2	AO3	A04	Total
Credit these responses only. Credit one mark for each correc Response.	tropical (1) t 27 (1) unstable (1) low (1) moist (1)	5					5
	the Resource Folder. Describe the yclones and typhoons on Figure 1.	A01	AO2.1	AO2.2	AO3	AO4	Total
Credit four valid statements,	Near the equator (1)					4	4
each with one mark. Credit accurate use of compass and / or scale and / or the location in relation to the lines of the tropics / oceans / continents in terms of the origin and / or track. No credit for named countries	Mainly within the tropics (1). Typhoons in the northern Pacific / off east coast of Asia (1) Cyclones in the southern Pacific and Indian Ocean (1) southern Asia (1) Australasia (1) eastern/SE Africa (1). Hurricanes in northern/western Atlantic (1) and eastern Pac coast of North America (1)						
	the Resource Folder. It shows the scribe the track of Hurricane Matthew th October.	A01	A02.1	A02.2	AO3	A04	otal

from th	e 28 th S	eptember to the 9 th October.		AO	AO	AO	AO	AO	Tot
> use of ordinat > the a Use the	of the ma es) and bility to	communicate findings. ptors below, working upwards	Responses entering Band 2 must describe the track from the point of origin (28 th) to the end (9 th). Some accurate use of either co-ordinates / direction of movement / distance must be given to reach the top of the level.					4	4
		The response has purpose, is organised and well structured.							
		Simple valid statements that describe the track.							
1	1-2	Meaning is generally clear. Statements are linked by a basic structure.							
	0	Award 0 marks if the answer is incorrect or wholly irrelevant.							

(d) Many countries sent a Read the 'heads and tails (i) Add the number of the One of the definitions is in	defir corre	nition ct tai	to the boxes below.	A01	A02.1	A02.2	AO3	AO4	Total
Credit these responses	А	4							
only.	В	5							
	С	1		4					4
	D	2							

(d) (ii) Explain one way that cou doing so.	untries giving aid can benefit from	A01	A02.1	A02.2	A03	A04	Total
This question targets the understanding of interactions between people and places. Credit <u>one</u> valid statement which is explained by a chain of reasoning (1+1+1).	Friendship / good relations (1) which might lead to more trade (1)which means more income (1) Political (1) to build stronger ties between countries(1) for security (1) Economics (1)in the hope of selling more products in the future (1) which means more jobs for the donor country (1).			3			3

(e) Study the data in the table below hurricanes that directly affected the (i) How long is the hurricane seaso	e USA from 1851 to 2016.	A01	A02.1	A02.2	A03	A04	Total
Credit this response only for one mark. Do not credit from June to November.	6 (1)					1	1

occurred in the three peak months			A02.1	A02.2	AO3	A04	Total
Credit this response only (with no tolerance). Credit up to two marks for the working. If there is a wrong answer indicated on the answer line, check the working in the body of the script, and award any marks as appropriate.	Working: 1 mark for the correct selection of " the part " i.e. Aug + Sept + Oct [77+107+53] (1) =Y A further mark to show how the formula is then applied, e.g. Y (the part) ÷ 286 (the whole) X 100 (1) Answer = 82.87 (1)					3	3

(e) (iii) Give two reasons why hurr	icanes are seasonal.	A01	A02.1	A02.2	AO3	AO4	Total
This question targets AO2.2, the interaction between oceans and atmosphere. Credit each valid statement with one mark and its elaboration for one mark. (1+1) + (1+1) Two reasons often expressed as a whole (1+1+1+1)	The sea needs to be warm/at least 27°c. (1). This only happens in summer/or when the sun has had time to heat it (1). When the sun is high enough in the sky (1) when the tilt of the earth allows it (1).			4			4

(e) (iv) Give one reason why hurric	anes eventually lose their power.	A01	A02.1	A02.2	AO3	AO4	Total
This question targets AO2.2, the interaction between oceans and atmosphere.	Lose heat source/cools (1) So can't lift the air upwards (1).						
Credit a valid statement for one mark and its elaboration with a further mark. (1+1)	Has no energy (1). So can't lift the air upwards (1).			2			2
	Move into cooler land/sea (1).						

(f) Study Figure 3 on page 3 o way that the hurricane may ha Use evidence from the photog		A01	AO2.1	AO2.2	A03	A04	Total
This question targets AO3 – the ability of candidates to apply some understanding using photographic evidence. One mark should be reserved for the " way " tourists might be affected and give subsequent marks for a chain of reasoning. If a candidate offers more than one " way ", read all of their ideas but only credit their highest scoring "way" and its linked chain of reasoning.	Way: Some may have been injured (1) so families would be upset /				3		3

are nee	ded to	respond to hurricane damage.		A01	A02.1	A02.2	A03	A04	Total												
						6															
Jse the concept	t of aid.		the short-term and term aid before the	ort-term and then the need for lo									andidates may explore the need for aid e short-term and then the need for long rm aid before they attempt to show why								
Band	Mark	Descriptor	aid programmes n																		
		A clear understanding reflects an appreciation of why the type of aid provided needs to be linked to the impact of the hurricane.	Alternatively, othe relationship of aid sense – i.e. hurric longer term issues	type anes	olistic)															
3	5-6	The links are accurate, well developed and pertinent.	Accept a range of	entr	/ poir	nts, e	.g.														
		Both short term and long term observations are strong within the response.	Short-term threat to life due to injury water supply / cold. Long-term restoration of large scale						water supply / cold. Long-term restoration of large so		eat to life due to injury / n cold. oration of large scale										
		Sound understanding is shown by making some links between aid and the generic impacts of hurricanes.		re / housing etc may link the aid with the ir need for doctors on the sc																	
2	3-4	Both short-term and long-term observations must be included in the response. One is stronger than the other in the response.	treat wounds; reso bottled water to re dehydration / dise	cue d mov	ogs t	o fin	d pec		10												
		Basic understanding is shown.	Long-term: expense																		
1	1-2	Candidates use simplistic and generic ideas to link aid to unspecified impacts of hurricanes.	repairs to ease tra electricity supplies construction of ne	s to n	nainta	ain co	omm	unica													
	0	Award 0 marks if the answer is incorrect or wholly irrelevant.	hurricanes.																		
candida that sim	ites to s ply rep	assessment objective is for show understanding , responses beat (lift) information from question capped at Level 1.																			

 (a) One way of reducing the hurrica Florida to build more sea walls. (i) Tick (✓) the correct statement. 	ane hazard is for the state of Sea walls are an example of:	A01	A02.1	AO .2	A03	A04	Total
If more than one option is ticked, even if one is the correct one, do not award a mark. Only accept the response shown.	Hard engineering (1)	1					1
(a) (ii) Sea walls will reduce the thr	eat from sea level rise.	-	<u>.</u>	2.2	~	+	a
Give two effects of global warming	that cause sea levels to rise.	A01	A02.1	A02.2	A03	A04	Total
Credit each valid statement with one mark. We are looking for two simple statements of fact. The low tariff and the space available for the response is indicative that a brief response for each one is acceptable.	Glaciers/ice melting (1). Sea water expands as it warms/thermal expansion (1).	2					2
(b) Identify two groups of people w evacuation routes. For each group benefit.	ho may not benefit from building give one reason why they may not	A01	A02.1	A02.2	AO3	AO4	Total
This question targets AO2.1 the concept of access. For each group award a max of 2 marks. Credit a valid statement with one mark which is elaborated for a further mark (1+1) + (1+1). No mark to be awarded for the name of the group.	Examples of groups and examples of reasons given are illustrative. Those without a car can't make use of the road (1) so would be trapped (1) Poor: those who can't afford a car (1) can't make use of the road (1) so would be trapped (1) Tourists: Many arrive by public transport (1) so they are no better off if a storm warning is issued (1) Environmentalists: Would be concerned about the potential loss of coastal habitat (1) buried beneath the new road (1) Hotel owners: May lose customers in the construction phase (1) due to noise / dust / unsightly construction phase (1)		4				4

(c) Give one reason why building several sm area may be better than building one large s		A01	AO2.1	AO2.2	A03	A04	Total
This question requires candidates to show an understanding of the concepts of range and catchment within the context of public utility. Credit a valid statement with one mark which is elaborated for a further mark (1+1). Responses could be based on the perspective of those using the shelter (the expected response). Reward responses from the perspective of those constructing the shelter if the response is plausible.	Less distance to travel (1)so people can get to safety quickly (1) <i>Managing smaller</i> <i>numbers of people in an</i> <i>emergency is easier</i> (1)there will be less pressure on toilets / food / water supply (1).		2				2

()) (1		1	1		<u> </u>			
Some por homeow	olitician /ners in	owners take out insurance against hurricane s think that this should be made compulsory areas affected by hurricanes. Do you agree cle one of the following. Explain your choice.	for all	A01	A02.1	A02.2	A03	A04	Total			
•							5		5			
This req making justify th justificat scheme	Those supporting the notion that insurance should be compulsory are likely to focus on: > the reduced need for state / national government aid											
Band	Mark	Descriptor	•	hey make a decision to live in a								
3	4 - 5	 Thorough application of understanding in relation to the consequences of mandatory insurance: Sophisticated chain(s) of reasoning provides elaborated analysis. Balanced appraisal draws together wider geographical understanding to support the decision. 	 hazard zone, so should take some responsibility if everyone took out insurance, premiums might be lower. Those against the notion that insurance should be compulsory are likely to focus on: 									
2	2 - 3	 Sound application of understanding in relation to the consequences of mandatory insurance: Some reasoning provides valid but limited analysis. Limited appraisal uses wider geographical understanding to support the decision. 	 some can't afford it most will never need it, so why pay? if you don't live near the coast, the sea surge issue is not an issue. insurance companies might inflate prices. 									
1	1	 Some basic application of understanding in relation mandatory insurance: Basic levels of meaning ascribed to the information/issue. Limited and weak appraisal uses some wider geographical understanding to support the decision. 										
	0	Award 0 marks if the response is incorrect or wholly irrelevant.										

(e) Explain two limitations of using social media to respond to natural hazards.				AO2.2	AO3	AO4	Total
Credit a valid statement with one mark which is elaborated for a further mark for each limitation (1+1) + (1+1) Allow responses that refer to the period before the hurricane strikes or whilst the hurricane is active, or the aftermath.					4		4

(f) The National Hurricane Centre (more research to improve hurrican Explain why this funding should be government of the USA, and not in	A01	AO2.1	AO2.2	AO3	AO4	Total	
This question requires candidates to show their understanding of interaction between people and place. Credit a valid statement with one mark which is elaborated by a chain of reasoning (1+1+1) or (1+1)+1	Improved weather forecasting will cost a huge amount (1)one state alone will not be able to raise enough to pay for it (1) so a larger organisation is needed to raise the funds (taxes) / finance it (1) Hurricanes affect more than one state (1), the track of every hurricane is unique / unpredictable (1) so improved forecasting will benefit lots of states (1)			3			3

Use inform Folder to h well togeth your ideas	A01	A02.1	A02.2	AO3	A04	SPaG	Total		
Use the de Work upwa Award mai some purp may apply understand access to				12			12		
Band	Mark	Desc	ripto	r					
4	10-12	 The candidate writes a comprehensive response that: reaches a substantiated decision that includes a clear and balanced justification for how the chosen strategies meet the three requirements of the plan; provides consistently detailed elaboration throughout that is substantiated by a range of evidence from the exam paper and the Resource Folder; the options form a cohesive package; 							
3	7-9	 The candidate writes a detailed response that: reaches a decision that justifies the choice of the strategies and how they meet the <u>three</u> requirements of the plan though this may be imbalanced; provides detailed elaboration that is supported by evidence in the exam paper and the Resource Folder; 							
2	4-6	 The candidate writes a response that: provides a decision that simply justifies why the chosen strategies meet <u>some</u> of the requirements of the plan; provides some elaboration that is supported by evidence in the exam paper and the Resource Folder; 							
1	1-3	 The candidate writes a basic response that: provides a simple but unsubstantiated decision; briefly explores some reasons why the chosen strategies might help. 							
	0	Award 0 marks if the answer is inco	orrect	or w	holly	irrele	vant.		

Part C

Once a mark (out of 12) has been awarded for the geographical content, apply the performance descriptors for spelling, punctuation and the accurate use of grammar and specialist terms that follow.

PMT

Band	Mark	Performance descriptions
		Learners spell and punctuate with consistent accuracy
High	4	 Learners use rules of grammar with effective control of meaning overall
		Learners use a wide range of specialist terms as appropriate
		 Learners spell and punctuate with considerable accuracy
Intermediate	2-3	 Learners use rules of grammar with general control of meaning overall
		• Learners use a good range of specialist terms as appropriate
		Learners spell and punctuate with reasonable accuracy
Threshold	1	 Learners use rules of grammar with some control of meaning and any errors do not significantly hinder meaning overall
		Learners use a limited range of specialist terms as appropriate
		The learner writes nothing
		 The learner's response does not relate to the question
	0	 The learner's achievement in SPaG does not reach the threshold performance level, for example errors in spelling, punctuation and grammar severely hinder meaning

C112U20-1 Geography Spec B Component 2 MS Summer 2018/GH