

SPECIMEN

General Certificate of Secondary Education

Geography B: Short Course

Unit A772: Key Geographical Themes

Specimen Paper



Additional materials: Resource booklet Map Extract

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A772

Candidate Forename	Candidate Surname	
Centre Number	Candidate Number	

INSTRUCTIONS TO CANDIDATES

- Write your name in capital letters, your Centre Number and Candidate Number in the boxes above.
- Use black ink. Pencil may be used for graphs and diagrams only.
- Read each question carefully and make sure you know what you have to do before starting your answer.
- Answer **TWO** questions. A question from Section A (either Question 1 OR question 2), a question from Section B (either question 3 OR question 4.
- Do not write in the bar codes.
- Do not write outside the box bordering each page.
- Write your answer to each question in the space provided.

INFORMATION FOR CANDIDATES

- The number of marks for each question is given in brackets [] at the end of each question or part question.
- The total number of marks for this paper is 50
- You will be awarded marks in questions 1(e), 2(d), 3(e) and 4(f) for the quality of written communication of your answer.

FOR EXAMINER'S	USE
1	
2	
3	
4	
TOTAL	

	This document consists of 10 pr	inted pages and 2 blank pages.	
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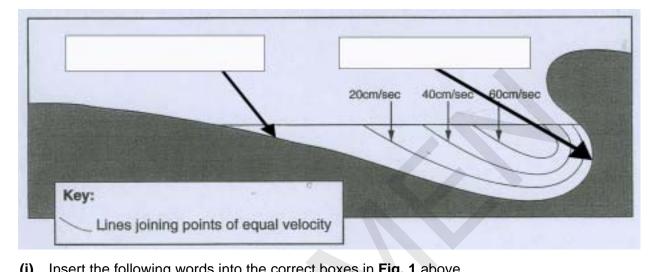
Section A

You must answer either Question 1 or Question 2

EITHER

1 (a) Study the OS map extract and Fig. 1 below.

Fig. 1 Cross section of the river at 829930



	(')	insert the following words into the correct boxes in Fig. 1 above.	
		DepositionErosion	[1]
	(ii)	Why do deposition and erosion take place at the points you have labelled on Fig. 1?	
(b)	(i)	Look again at the OS map extract. Identify the two water stores in grid square 7589.	
		Store 1	
		Store 2	[2]
	(ii)	For each store you have identified in (b)(i) explain how it will affect the flow of water in Bannock Burn stream.	า
		Store 1	
		Store 2	

(c)		River Forth (shown on the OS map extract) flows near the town of Stirling.	
	Exp	lain how the flow of a river may be affected by an urban settlement.	
<i>(</i> 1)		[4]	
(d)		lain why the effects of river flooding are usually greater in an LEDC than in an MEDC.	
			_
(e)	 Cas	se Study – the effects and causes of river flooding.	İ
(-)	(i)	Name a river which has been affected by flooding.	
	(ii)	Describe the effects of the flooding.	
	(iii)	Explain the causes of the flooding.	
		[8]]
		Section A Total [25]	

OR

2	(a)	Stud	dy Fig. 3 in the Resource Booklet.	
		(i)	How wide is the entrance to Lulworth Cove?	[41]
		(ii)	What rock forms the cliff at the back of Lulworth Cove?	
		(iii)	Describe the shape of Lulworth Cove.	
		(iv)	Explain why Lulworth Cove is wider in some parts than others.	
	(b)	Stud	dy Fig. 4 .	
		(i)	Name the type of landforms labelled A and B shown in Fig. 4 .	
			A =	
			B =	
		(ii)	Explain how the landforms shown in Fig. 4 are affected by the processes of coasta erosion.	
		(iii)	What effects will natural processes have on these landforms in the future?	

(c)	How can erosion by the sea affect people who live on the coast?	
		 41
(d)	Case Study – Coastal management	•
	(i) Name of area where the sea is eroding the land.	
	(ii) Describe how the land is protected.	•
		•
	(iii) Explain how successful these protection methods are.	
		•
	[8]	}]
	Section A Total [2	51

Section B

You must answer either Question 3 or Question 4

EITHER

3	Stu	ıdy F i	g. 5 in the Resource Booklet.
	(a)	(i)	Name the country with the most car production factories.
			[1]
		(i)	How many car production factories are located outside Europe?
			[1]
		(ii)	How many car assembly plants are located south of the Brandt Line?
		(iii)	BMW is a multinational company. Briefly explain how Fig. 5 shows this.
			[2]
	(b)		e two reasons to explain why multinational companies, like BMW, decide to locate their cories in LEDCs .
		Rea	ason 1:
		Rea	ason 2:
			[4]
	(c)		LEDCs , explain one good point and one bad point of investment by multinational npanies.
		Go	od point:
		Bad	d point:
			[4]
	(d)		plain two ways in which the opening of a new factory could damage the natural ironment
		Wa	y 1:
		Wa	y 2:
			[4]

(e)	case Study: The location of an economic activity	
	(i)	Give the name and location of an economic activity
	(ii)	Describe, with detail, the location factors for your chosen economic activity.
	(iii)	Explain why this is a good location for this type of economic activity.

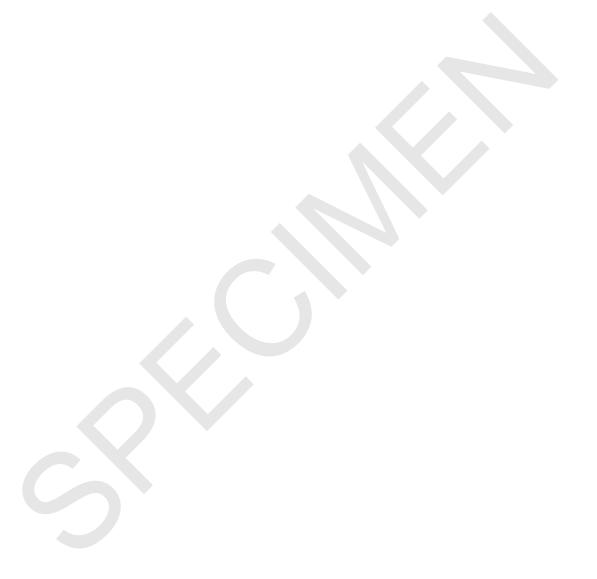
OR

3)	(i)	In which category are most cou	•		
	(ii)	In which category are most cou	ntries in Africa?		
o)		Brandt Line was first used in 1 be wrong with using the Brandt	980 to divide the wo		
c)	Stu	dy the table showing Developme			
		Development Indicator	Cuba	Kenya	
		Literacy rate (women)	99.8	79.7	
		Life Expectancy (years)	77	55	
	(i) Use the information to explain why Cuba has better health care than Kenya.				
	()				
	(ii)	Use the information to explain v	why Cuba has better	education than Kenya.	
		Use the information to explain v	why Cuba has better	education than Kenya.	
	(ii)	Use the information to explain v	why Cuba has better	education than Kenya.	
d)	(ii) Nar	Use the information to explain v	why Cuba has better	education than Kenya.	
d)	(ii) Nar	Use the information to explain v	why Cuba has better	education than Kenya.	
d)	(ii) Nar Exp	Use the information to explain v	why Cuba has better ators. cator can show differ	education than Kenya.	
d)	(ii) Nar Exp	Use the information to explain volume two other development indicator 1:	why Cuba has better ators. cator can show differ	education than Kenya.	
d)	(ii) Nar Exp	Use the information to explain volume two other development indicator 1:	why Cuba has better ators. cator can show differ	education than Kenya.	
d)	(ii) Nar Exp Dev	Use the information to explain volume two other development indicator 1:	why Cuba has better ators. cator can show differ	education than Kenya.	
d)	(ii) Nar Exp Dev	Use the information to explain value two other development indication in the two other development indicator 1:	why Cuba has better ators. cator can show differ	education than Kenya.	

(e)	Some MEDC countries provide food aid to LEDCs. Explain two problems associated with food aid to LEDCs Problem 1:				
	Pro	blem 2:			
(f)	Cas	e Study: An aid project in an LEDC			
	(i)	Give the name of the LEDC.			
	(ii)	Describe the main features of the aid project.			
	(iii)	Explain how sustainable the aid project is.			
	(,	Explain new editamatic and aid project is.			
		[8]			
		Section B Total [25]			
		Paper Total [50]			







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OXFORD CAMBRIDGE AND RSA EXAMINATIONS

General Certificate of Secondary Education

GEOGRAPHY SHORTCOURSE

J085

Unit A772: Key Geographical Themes (Foundation tier)

Specimen Mark Scheme

The maximum mark for this paper is 50.

Section A		
Question Number	Answer	Max Mark
1(a)	Study the OS map extract and <u>Fig.1</u> below.	
1(a)(i)	Insert the following words into the correct boxes in Fig.1 above.	
	Deposition	
	• Erosion	
	Labels added on Fig. 1	[1]
1(a)(ii)	Why do deposition and erosion take place at the points you have labelled on Fig.1?	
	1 mark for basic point plus a further mark for development of that point	
	Deposition: slower flow ✓ so less energy in flow ✓ (dev)	
	Erosion: faster flow ✓ more energy for erosion ✓ (dev)	[2]
471.172		
1(b)(i)	Look again at the OS map extract. Identify the <u>two</u> water stores in grid square 7589.	
	Reservoir	
	Trees (coniferous wood)	[2]
1(b)(ii)	For each store you have identified in (b)(i) explain how it will affect the flow of water in Bannock Burn stream.	
	1 mark per valid point or 2 marks if developed clearly	
	Reservoir: water stored - controlled release downstream√	
	water extraction from reservoir reduces flow√(dev)	
	increased evaporation from reservoir reduces flow	
	Trees: interception by leaves reduces flow ✓ Roots delay throughflow✓	
	(dev)	[A]
1	Evapotranspiration reduces flow√ (dev)	[4]
1(c)	The River Forth (shown on the OS map extract) flows near the town	
	of Stirling.	
	Explain how the flow of a river may be affected by an urban settlement.	
	1 mark per valid point or 2 marks if developed clearly√	
	Flow increases or responds quickly to rain√(dev)	
	Tarmac / concrete / impermeable surfaces reduce infiltration ✓	
	Increased surface run off into river channel (dev)	
	Drains increase / speed up flow to river channel✓ Water extraction reduces flow✓	
	Channel modification – strengthening / straightening which changes the	
	flow of river✓	[4]

Section A		
Question Number	Answer	Max Mark
1(d)	Explain why the effects of river flooding are usually greater in an LEDC than in an MEDC.	
	1 mark per valid point or 2 marks if developed/explained clearly	
	Less money available to spend on tackling problems ✓ Less flood protection measures to prevent re-occurrence ✓ No planning of spillways, washlands ✓ (dev)	
	People in LEDC suffer long-term health problems after the flood ✓ Water contamination leads to outbreak of disease ✓ (dev)	
	Many people forced to live in crowded flood shelters / tents✓	
	Difficult to get to affected area due to lack of transport links	
	Attraction of fertile flood plain to farmers ✓ No emergency action plan or personnel / equipment to put plan into action ✓ (dev)	[4]
	(dov)	[-1]
1(e)	CASE STUDY – the effects and causes of river flooding. (i) Name a river which has been affected by flooding. (ii) Describe the effects of the flooding. (iii) Explain the causes of the flooding. Case study will be marked using 3 levels: If no named river –Level 2, 5 marks maximum If only names a river = 1 mark	
	Level 1: [1-3 marks] Basic description of effects and explanation of causes.	
	Demonstrates limited relevant knowledge and information. Written work contains mistakes in spelling, grammar and punctuation, which sometimes hinder communication.	
	Level 2: [4-6 marks] Description of effects and explanation of causes with limited development.	
	Demonstrates some relevant knowledge based on a range of factual information and evidence. Written work is legible and spelling, grammar and punctuation are mostly accurate. Meaning is communicated clearly.	
	Level3: [7-8 marks] Thorough and developed description of effects and explanation of causes with place specific example.	
	Demonstrates thorough knowledge based on a full range of relevant factual information and evidence. Written work is legible and spelling, grammar and punctuation are accurate. Meaning is communicated very clearly.	

Question Number	Answer	Max Mark
1(e)	Content Guide:	
cont'd	Effects could include physical or human evidence	
	e.g. level of flood waters, area flooded, damage to property, lives lost,	
	people displaced, impact on transport routes/infrastructure, flooding of farm land-impact on food production	
	Causes could be physical or human e.g. high rainfall, snow melt/thaw,	
	conditions of drainage basin stores, reference to river network,	
	consequence of building on floodplain, channel modification	[8]
2(a)	Study <u>Fig. 3</u> in the Resource Booklet.	
2(a)(i)	How wide is the entrance to Lulworth Cove?	
	125 (metres)	
	Allow 115 – 135	[1]
2(a)(ii)	What rock forms the cliff at the back of Lulworth Cove?	
	Chalk	[1]
2(a)(iii)	Describe the shape of Lulworth Cove.	
	Round / circular / oval	[1]
2(a)(iv)	Explain why Lulworth Cove is wider in some parts than others.	
	Credit any of the following with 1 mark	
	Differential erosion of hard and soft rocks	
	sand and clay worn away more easily	
	harder chalk not worn away.	[2]
2(b)	Study <u>Fig. 4</u> .	
2(b)(i)	Name the type of landforms labelled <u>A</u> and <u>B</u> shown in <u>Fig. 4</u>	
	A = arch 1 mark B = stack 1 mark	[2]

Section A		
Question Number	Answer	Max Mark
2(b) (ii)	Explain how the landforms shown in <u>Fig. 4</u> are affected by the processes of coastal erosion.	
	Any 4 ideas or 2 developed ideas such as: hydraulic action or description✓	
	corrasion or description ✓ corrosion or description ✓	
	Weakness/crack in headland√ Weakness is enlarged to form cave√	
	Cave enlarged / two caves eroded from opposite sides of headland ✓ cut through to form arch✓	
	Roof of arch collapses to form stack can credit idea of waves pound headland if no other marks scored on marine processes.	[4]
2(b)(iii)	What effects will natural processes have on these landforms in the future?	
	Worn away further / become stumps Eventually disappear	[2]
2(c)	How can erosion by the sea affect people who live on the coast?	
	1 mark for stated way and one mark for development: 2x2 Loss of buildings / houses / roads ✓ Loss of tourist income (dev) Loss of farms / farmhouses ✓ Loss of livelihood for farmer (dev)	
	Forced to move/Cannot get insurance / sell property ✓ Loss of caravan parks/coastal amenities ✓ Loss of tourist income (dev) Whole villages disappear over time ✓	[4]

Section A		
Question Number	Answer	Max Mark
2(d)	CASE STUDY – Coastal management (i) Name of area where the sea is eroding the land. (ii) Describe how the land is protected. (iii)) Explain how successful these protection methods are. Case study will be marked using 3 levels: If no valid names area = Level2, 5 marks maximum for valid ideas about coastal protection 0 marks No evidence submitted or response does not address the question. Level 1: [1-3 marks] Names a valid area and describes one protection method. Demonstrates limited relevant knowledge and information. Written work contains mistakes in spelling, grammar and punctuation, which sometimes hinder communication. Level 2: [4-6 marks] Names a valid area and describes a second method and makes one comment on how successful methods are. Some development of statements attempted. Demonstrates some relevant knowledge based on a range of factual information and evidence. Written work is legible and spelling, grammar and punctuation are mostly accurate. Meaning is communicated clearly. Level 3: [7-8 marks] Names a valid area and describes a second method and makes a second comment on how successful methods are or explains comment with detail. Developed statements used in description of methods and their success. Demonstrates thorough knowledge based on a full range of relevant factual information and evidence. Written work is legible and spelling, grammar and punctuation are accurate. Meaning is communicated very clearly. If only names area = 1 mark	
	Content Guide Land protection could refer to hard or soft options e.g. concrete sea walls, rip rap, gabions, other types of barrier, groynes, beach replenishment strategies Success of methods could refer to impact on rates of coastal erosion, protection of property at risk.	
	Credit references to impact of methods on places further along the coastline e.g. increased erosion at place X because of method at place Y.	[8]
	Section A Total	[25]

Question		Max
Number	Answer	Mark
3	Study <u>Fig. 5</u> and <u>6</u> in the Resource Booklet.	
3(a)(i)	Name the country with the most car production factories.	
	Germany	[1]
3(a)(ii)	How many car production factories are located outside Europe?	
	Two	[1]
3(a)(iii)	How many car assembly plants are located south of the Brandt Line?	
	Seven	[1]
3(a)(iv)	BMW is a multinational company. Briefly explain how <u>Fig. 6</u> shows this.	
	1 mark per valid point,	
	Factories all over the world√ headquarters in MEDC (Munich) more	
	advanced factories in MEDCs	[2]
3(b)	Give two reasons to explain why multinational companies, like	
	BMW, decide to locate their factories in <u>LEDCs</u> .	
	One mark per valid point, two if developed (2+2)	
	Can pay workers lower wages√, make higher profits√(dev)	
	Incentives to locate there from LEDC governments√ reduce set up and	
	operating costs√(dev)	
	Less stringent pollution laws in LEDCs✓ reduce operating/clean up costs✓(dev)	
	Increase in middle class consumers in some LEDCs√ sell to new	
	markets√(dev)	[4]

Question Number	Answer	Max Mark
3(c)	For <u>LEDCs</u> , explain <u>one</u> good point and <u>one</u> bad point of investment by multinational companies. (One mark per valid point, two if explained/developed (2+2)) Good points Increased employment ✓ training, better paid jobs, new technology opportunities ✓ (dev) May stimulate other economic activities ✓ government can tax profits ✓ (dev)	
	Bad points Low paid jobs, poor working conditions ✓ better jobs for MEDC staff ✓, profits go to MNC ✓ (dev) MNC will be at mercy of international trade ✓ MNC may close LEDC operations first ✓ (dev).	[4]
3(d)	Explain two ways in which the opening of a new factory could damage the natural environment One mark per valid point, two if explained/developed (2+2)	
	Pollution of land, air/ water ✓ could affect wildlife habitats, local climate, water courses ✓ (dev) Credit for source of pollution e.g. dumping of waste, fumes from factory, increased traffic Loss of habitat from building factory ✓ on Greenfield/previously undeveloped site ✓ (dev)	[4]
3(e)	Case Study: The location of an economic activity. (i) Give the name and location of an economic activity. (ii) Describe, with detail, the location factors for your chosen economic activity. (iii) Explain why this is a good location for this type of economic activity. 0 marks No evidence submitted or response does not address the question.	

Section B		
Question Number	Answer	Max Mark
3(e) cont'd	Case study will be marked using 3 levels: If no named economic activity = Level 2., 5 marks maximum for valid ideas about location O marks No evidence submitted or response does not address the question. Level 1 [1-3 marks] Names a valid example of an economic activity and describes one location factor with limited development of justification for it being a good location. Demonstrates limited relevant knowledge and information. Written work contains mistakes in spelling, grammar and punctuation, which sometimes hinder communication.	
	Level 2 [4-6 marks] Names a valid example of an economic activity and describes a second location factor and gives one developed reason to explain why this is a good location. Demonstrates some relevant knowledge and information based on a range of factual information and evidence. Written work is legible and spelling, grammar and punctuation are mostly accurate. Meaning is communicated clearly.	
	Level 3 [7-8 marks] Names a valid example of an economic activity and describes a second location factor and gives a second reason to explain why this is a good location or explains one reason with detail. Demonstrates thorough relevant knowledge and information based on a full range of factual information and evidence. Written work is legible and spelling, grammar and punctuation are accurate. Meaning is communicated very clearly.	
	Content Guide: Can be primary, secondary, tertiary or quaternary activity Location factors could include: Site, transport links, access to resources, access for workers, access to markets e.g urban areas Explanation needs to focus on why factors are good for the type or economic activity e.g. good soil helps crops grow, transport links to bring in raw materials,	
	customers nearby for service If no named economic activity = Level 2 – 5 marks for valid ideas about location factors If only gives name and location of an economic activity = 2 marks	[8]

Question Number	Answer				
4	Study Fig. 6 in the Resource Booklet. It shows the countries of the world ranked by average income (GDP per person).				
4(a)					
4(a)(i)	In which category are most co	untries in Euro	pe?		
	High income			[1]	
4(a)(ii)	In which category are most co	untries in Afric	a?		
	Very low income			[1]	
4(b)	The Brandt Line was first used in 1980 to divide the world into MEDCs and LEDCs. What may be wrong with using the Brandt Line today?				
	1 mark per valid point, two if explained/developed				
	Only uses income-not accurate for other aspects of development e.g education, health				
	Some countries south of line have of line have lower incomes√	e higher income	s√some countries north		
	Some countries south of line have e.g. Asian NICs ✓ (dev)	e developed eco	onomically since 1980	[3]	
4(c)	Study the table showing Devel Cuba and Kenya.	opment Indicat	ors for the countries of		
	Development Indicator	Cuba	Kenya		
	Literacy Rate (women)	99.8	79.7		
	Life Expectancy (years)	77	55		
4(c)(i)	Use the information to explain why Cuba has better health care than Kenya.				
	1 mark for people live longer, 2nd doctors, health care, diet, living of		opment e.g. better	[2]	
4(c)(ii)	Use the information to explain why Cuba has better education than Kenya.				
	1 mark for more women can read access to education/ increased o			[2]	

Question Number	Answer			
4(d)	Name <u>two</u> other development indicators. Explain how each development indicator can show differences in development.			
	1 mark for valid indicator, 2nd mark for development			
	Possible indicators could include:			
	Infant mortality rate / babies dying ✓ health care/living conditions ✓ (dev) Death rate / people dying ✓ health care/living conditions ✓ (dev)			
	Birth rate / babies born ✓ access to family planning/standard of			
	living√ (dev) Calorie intake√ shows how healthy diet is√	[4]		
4(e)	Some MEDC countries provide food aid to LEDCs. Explain two problems associated with food aid to LEDCs.			
	1 mark for valid problem, 2nd mark if developed			
	May not reach those who most need it ✓ corruption, transport/infrastructure problems, theft, ✓ (dev)			
	Affects local producers cannot sell food if free food available (dev)			
	Encourages dependency ✓ rely on food aid rather than increase local production ✓ (dev)	[4]		
4(f)	Case Study: An aid project in an LEDC.			
	(i) Give the name of the LEDC.			
	(ii) Describe the main features of the aid project			
	(iii) Explain how sustainable the aid project is.			
	Case study will be marked using 3 levels:			
	If no identifiable aid project/named LEDC = Level 2 – 5 marks max for valid ideas about aid/sustainability			
	0 marks No evidence submitted or response does not address the question.			
	Level 1 [1-3 marks] Names a valid LEDC and describes one feature of the aid project with limited or no reference to sustainability.			
	Demonstrates limited relevant knowledge and information. Written work contains mistakes in spelling, grammar and punctuation, which sometimes hinder communication.			
	Level 2 [4-6 marks] Names a valid LEDC and describes a second feature of the aid project and gives one idea about sustainability of project with attempt at development.			
	Demonstrates some relevant knowledge and information based on a range of factual information and evidence. Written work is legible and spelling, grammar and punctuation are mostly accurate. Meaning is communicated clearly.			

Section B				
Question Number	Answer			
4(f) cont'd	Level 3 [7-8 marks] Names a valid LEDC and describes a second feature of the aid project and develops two ideas about sustainability or explains one idea with detail Demonstrates thorough relevant knowledge and information based on a full range of factual information and evidence. Written work is legible and spelling, grammar and punctuation are accurate. Meaning is communicated very clearly.			
	Content Guide: Development project features could include: Farming/food production, provision of health/education/family planning services/clean water supply New industry, energy production, transport links, employment skills/training. Sustainability could include references to: Use/conservation of resources for future, involvement of intended			
	recipients, Passing on of new ideas/techniques, long term nature of economic benefits, Impact of people's quality of life now and in the future Credit if explain how project is unsustainable			
	No credit for reference to aid charities/fundraising			
	If only names valid LEDC = 1 mark	[8]		
	Section B Total	[25]		
	Paper Total	[50]		

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Assessment Objectives Grid (includes QWC)

Question	AO1	AO2	AO3	Total
1(a)(i)	1			1
1(a)(ii)	2			2
1(b)(i)			2	2
1(b)(i)		4		4
1(c)		4		4
1(d)	4			4
1(e)	8			8
		OR		
2(a)(i)			1	1
2(a)(ii)			1	1
2(a)(iii)			1	1
2(a)(iv)	1	1		2
2(b)(i)	2			2
2(b)(ii)		4		4
2(b)(iii)	2			2
2(c)	2	2		4
2(d)	8			8
		And		
3(a)(i)			1	1
3(a)(ii)			1	1
3(a)(iii)		1		1
3(a)(iv)		2		2
3(b)	2	2		4
3(c)	1	3		4
3(d)	4			4
3(e)	8			8
		OR		
4(a)(i)			1	1
4(a)(ii)			1	1
4(b)	3			3
4(c)(i)		1	1	2
4(c)(ii)		2		2
4(d)	4			4
4(e)		4		4
4(f)	8			8
Paper Total	30	16	4	50

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