

Assessment Schedule – 2013**Geography: Apply geography concepts and skills to demonstrate understanding of a given environment (91243)****Evidence Statement**Geography-specific marking conventions applicable for this paper: **B** = Basic; **D** = In-depth; **C** = Complex

Question One			Expected Coverage
Not Achieved	N0	No response; no relevant evidence	(a) <u>Evidence of understanding (B) includes:</u> ALL FOUR of: (1) England (2) Wales (3) Scotland (4) Northern Ireland.
	N1	4 of 13 at Achievement level	(b) BOTH 55° N AND 2° W; MUST have “N” AND “W”.
	N2	5 of 13 at Achievement level	(c) 26 million visitors. (d) Basic description of pattern can be for either airports OR motorways. (e) Basic coverage of one aspect of the issues Heathrow Airport is currently facing.
Achievement	A3	7 of 13 at Achievement level	(f) and THREE of four required: River Thames AND (i) Foulness Point (ii) Isle of Grain OR Hoo Peninsula (iii) London.
	A4	9 of 13 at Achievement level	(g) FOUR features located and labelled within acceptable limits for B (see Appendix A). (h) Location of airport rectangle within limits for B filling at least three-quarters of the area (see Appendix A). (i) TWO generic cultural features OR ONE specific cultural feature identified, eg Grain, Allhallows-on-sea, Allhallows, wharf, Perry’s Farm. (j) TWO generic natural features OR ONE specific natural feature identified, eg Lee Marshes, Grain Marsh, Cockleshell Beach, London Stone, Stoke Marshes.

Merit	M5	5 of 11 at Merit level	(b)	<u>Evidence of in-depth understanding (D) includes:</u> BOTH 55°N AND 1°40'W (accept 1°30'W to 1°50'W); MUST have "N" AND "W".
	M6	7 of 11 at Merit level	(d) and (e)	Detailed description of features of the pattern; could include BOTH airports and roadways; supporting information from resources used. Coverage of SOME of the issues currently facing Heathrow airport; supporting information from resources used, eg only two runways, runway utilisation at 98.5%, only serving 180 destinations when other airports are serving over 200, airplanes "stacked" till available time for them to land, delays for passengers.
			(f) and (g)	ALL FOUR of: River Thames AND (i) Foulness Point (ii) Isle of Grain OR Hoo Peninsula (iii) London.
Excellence	E7	5 of 11 at Merit level, plus (d) OR (e) at Excellence level	(h)	FOUR features located and labelled within acceptable limits for C (see Appendix A).
	E8	5 of 11 at Merit level, plus (d) AND (e) at Excellence level	(i) (j) (k)	Location of airport rectangle within limits for C (see Appendix A). TWO specific cultural features identified. TWO specific natural features identified.
			(d)	<u>Evidence of comprehensive understanding (C) includes:</u> Detailed description of the transport pattern around London; MUST include a detailed discussion of the transport pattern of BOTH airports and roadways; could include discussion on variations from a pattern, eg airport outliers; geographic terminology used; thorough understanding of geographic concept shown; supported by detailed evidence.
			(e)	Comprehensive explanation of issues currently facing Heathrow Airport; detailed supporting evidence from resources, eg only two runways, runway utilisation at 98.5 %, only serving 180 destinations when other airports are serving over 200, airplanes "stacked" until available time for them to land, delays for passengers; range of points covered; some insight shown; and geographic terminology used.

Question Two			Expected Coverage	
Not Achieved	N0	No response; no relevant evidence	(a) and and and and	<p><u>Evidence of understanding (B)</u> includes:</p> <p>Multi-bar graph, or graphs, using the conventions, and illustrating the key points of data (see Appendix B).</p> <p>Conventions include:</p> <ol style="list-style-type: none"> (1) Title (with time period) (2) Even scales: on y-axis beginning at 0 (3) Axes correctly labelled (4) Bars / columns identified appropriately. <p>Note: 2000 data treated as neutral.</p>
	N1	ONE or more parts attempted, but insufficiently correct		Dubai OR 25.4 million (passengers). AND Frankfurt OR 2.7 million (passengers).
	N2	1 of 4 at Achievement level		Description of projected changes to weekly departures from Heathrow Airport from 2011 to 2030; limited supporting information used.
Achievement	A3	2 of 4 at Achievement level	(e)	Brief explanation of global distribution of flights from Heathrow, illustrating geographic concepts; limited supporting information used.
	A4	3 of 4 at Achievement level		
Merit	M5	2 of 4 at Merit level	(a) and and and and	<p><u>Evidence of in-depth understanding (D)</u> includes:</p> <p>Multi-bar graph, or graphs, using the conventions, and illustrating accuracy of information for 2005 AND 2011.</p> <p>Dubai AND 25.4 million (passengers). AND Frankfurt AND 2.7 million (passengers).</p>
	M6	3 of 4 at Merit level		Detailed description of projected changes to weekly departures from Heathrow Airport from 2011 to 2030; supporting information used.
Excellence	E7	<i>EITHER:</i> 2 of 4 at Merit level, plus (a), (d), or (e) at Excellence level <i>OR:</i> 2 of (a), (d), or (e) at Excellence level	(a) and and and and	<p><u>Evidence of comprehensive understanding (C)</u> includes:</p> <p>Multi-bar graph, or graphs, using the conventions, with the data plotted accurately for 2005 AND 2011, and illustrating an understanding of the concept of change with insight.</p>
	E8	<i>EITHER:</i> 3 of 4 at Merit level, plus (a), (d), or (e) at Excellence level <i>OR:</i> ALL 3 of (a), (d), and (e) at Excellence level		Detailed description of projected changes to weekly departures from Heathrow Airport from 2011 to 2030; a thorough understanding shown; geographic terminology used; and detailed supporting evidence.
				Detailed explanation of global distribution of weekly flights from Heathrow in June 2011; insight shown; with inclusion of relevant geographic concepts; supporting information used throughout.

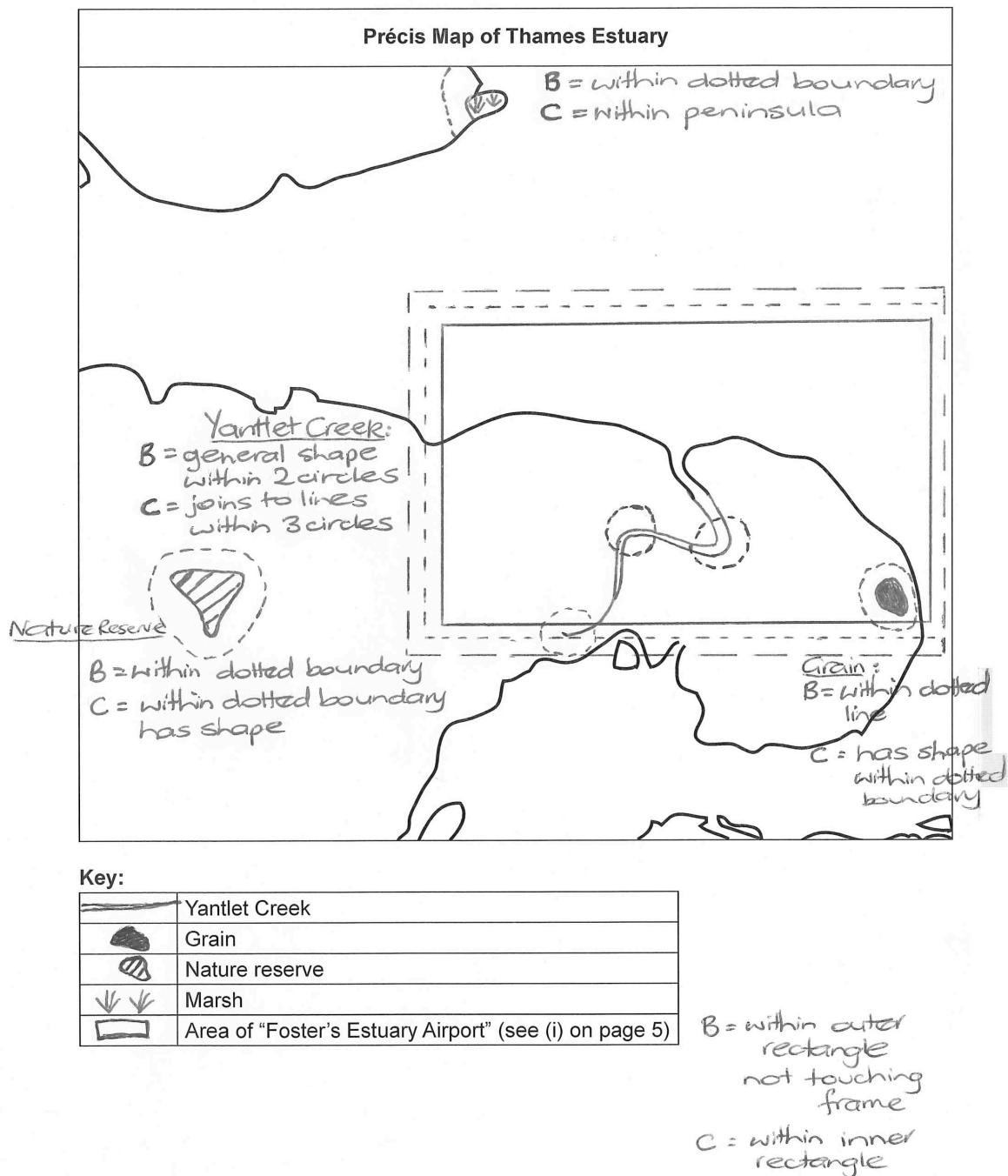
Question Three: Application of geographic concepts		
Not Achieved	N0	No response; no relevant evidence.
	N1	Attempt is relevant, but shows limited understanding of advantages and disadvantages of two possible options; no choice made.
	N2	Few advantages and disadvantages of two possible options listed; no choice made.
Achievement	A3	Limited range of advantages and disadvantages for ONE option. Choice made and explanation for that choice is given. Limited application of a geographic concept. Some supporting evidence is given.
	A4	Limited range of advantages and disadvantages for BOTH options. Choice made and explanation for that choice is given. Understanding of a geographic concept shown. Supporting evidence is given.
Merit	M5	Range of relevant advantages and disadvantages for BOTH options; one may be less strong. Choice made and detailed explanation for that choice is given. Detailed understanding of one, or more, geographic concepts shown. Some detailed supporting evidence is given.
	M6	Range of relevant advantages and disadvantages for BOTH options. Choice made and detailed explanation for that choice is given. Detailed understanding of one, or more, geographic concepts. Detailed supporting evidence is given.
Excellence	E7	Wide range of relevant advantages and disadvantages for BOTH options; one may be less strong. Choice made and thorough explanation supporting that choice is given. At least ONE relevant geographic concept integrated into answer. ALL explanations have detailed supporting evidence integrated throughout the answer. Geographic terminology used; some insight shown.
	E8	Wide range of relevant advantages and disadvantages for BOTH options. Choice made and thorough explanations supporting that choice are given. At least ONE relevant geographic concept and detailed supporting evidence integrated throughout the answer. Geographic terminology used; insight shown.

Judgement Statement

	Not Achieved	Achievement	Achievement with Merit	Achievement with Excellence
Score range	0 – 7	8 – 13	14 – 18	19 – 24

Appendix A – Question One (h) and (i)

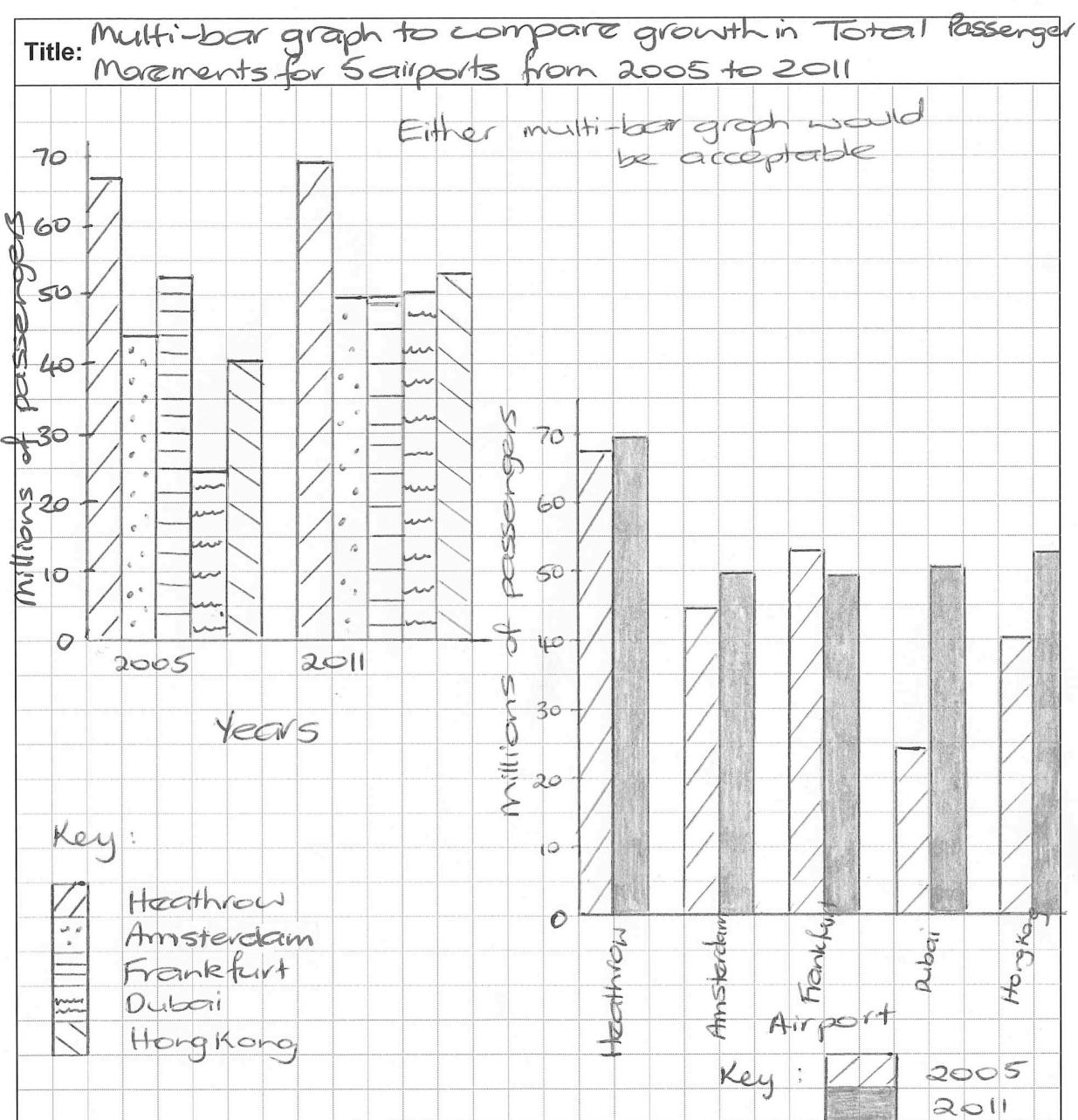
- (h) On the **précis map** below:
- Complete Yantlet Creek (GR 857783) to its source in Stoke Marshes
 - Locate and label the settlement of Grain
 - Locate and label the nature reserve at Northward Hill
 - Locate and label the area of marsh on the peninsula between Leigh Beck and Canvey Point.
- (i) Use the information below to accurately locate and label on the précis map on page 4, the **land area** for the proposed “Foster’s Estuary Airport”:
- the area will be rectangular in shape
 - the area will be 7.5 km by 4.5 km
 - the airport will cover an area enclosed by the grid references:
820805 895805
820760 895760
 - the airport will be located north of the A228
 - the airport will be centred at the mouth of the Yantlet Creek (GR 857783).



Appendix B – Question Two (a)

Total Passenger Movements for Five Selected Airports (2000–2011)			
Airport	Total Passenger Movements (TPM) (millions of passengers per year)		
	2000	2005	2011
Heathrow, UK	64.6	67.3	69.4
Amsterdam, Netherlands	39.6	44.2	49.7
Frankfurt, Germany	49.4	52.2	49.5
Dubai, United Arab Emirates	Data unavailable	24.8	50.2
Hong Kong	32.8	40.3	52.7

- (a) Construct a **multi-bar graph, or graphs**, to compare the growth in “Total Passenger Movements” for the five selected airports, from 2005 to 2011.



Appendix C – Question Three (a)

Lists a range of relevant advantages (positives) AND disadvantages (negatives) of:

Building Heathrow's third runway	
Advantages: <ul style="list-style-type: none"> • No relocation of employment / businesses, increase capacity of Heathrow, and still use current airport / investment. • Thames Estuary bird life not affected. 	Disadvantages: <ul style="list-style-type: none"> • Loss of homes / historical sites. • Continuing air pollution and noise pollution over London (will increase). • No potential to further increase runways, compared to building on estuary.
Building Foster's Estuary Airport	
Advantages: <ul style="list-style-type: none"> • New site with space to build four runways – can increase capacity to over 150 mppa. • Planes no longer flying low over London (when landing or taking off) means no air pollution or noise pollution for London residents. • Creates more employment. • Keeps London as a global hub, not losing out to other European airports. 	Disadvantages: <ul style="list-style-type: none"> • Site on estuary, which is a “Special Protected Area” for migrating birds. • Danger of bird strikes. • Distance from London (55 km), so needs other transport links as well. • Location exposed to open sea, vulnerable to disruption from extreme natural events.