



Annual Examinations for Secondary Schools 2014

FORM 3 **GEOGRAPHY (Option)** **MARKING SCHEME**

QUESTION Number	Maximum Marks	Mark Allocation	Acceptable Responses
1	12		
a	1	1	<i>1 mark for the correct easting passing vertically along easting 33.</i>
b	2	1 mark each	<i>i. 3191 ii. 3389</i>
c	2	1 mark each	<i>i. 368900 or 326878 or any other ii. 355899</i>
d	2	1 mark each	<i>1 mark for each correct feature.</i> 
e	2	1 mark each	<i>Distance in cm – 3.9 cm / 4cm Distance in km – 2 km (accept 1.75 – 2.25 km)</i>
f	1	1	<i>cliffs</i>
g	2	1 mark each	<i>i. North East ii. North</i>
2	8		
a	4	1 mark each	<i>A – India B – China C – Japan D – Saudi Arabia</i>
b	3	1 mark each	<i>E – Persian Gulf F – Arabian Sea G – Bay of Bengal</i>

c	1	1	<i>H – Tokyo; accept Osaka-Kobe</i>
3	12		
a	1	1	<i>Climate graph ; accept climograph</i>
b	1	½ mark x 2	<i>temperature, rain</i>
c	6	½ mark x 12	½ mark for each correct point
d	4	1 mark each	<i>i. December ii. July iii. August iv. January (accept February)</i>
4	8		
a	1	1	<i>igneous</i>
b	1	1	<i>basalt</i>
c	3	3 1 or 2 marks for partial answers	<ul style="list-style-type: none"> • <i>Sedimentary rocks are formed when eroded fragments of old rocks and dead organisms settle (usually in seas or rivers) to form a sediment.</i> • <i>Over millions of years, layers of sediment build up and are buried one on top of the other.</i> • <i>They are compressed, and their weight squeezes out the water.</i> • <i>Eventually the pieces of rock in the sediment become bonded together to form sedimentary rocks.</i>
d	2	1 mark x 2	<ul style="list-style-type: none"> • <i>Sedimentary rocks are laid down in layers called beds or strata.</i> • <i>Fossils can be found in sedimentary rocks.</i>
e	1	1	<i>Any answer from: Upper Coralline Limestone, Greensand, Blue Clay, Globigerina Limestone, Lower Coralline Limestone.</i>
5	12		
a	1	1	<i>Any one of the following: Sand, shingle, mud.</i>
b	1	1	<i>Change in wind direction during storm.</i>

c	6	2 marks for diagram 4 marks for detailed labelling	<p>The diagram illustrates the formation of a spit. It shows a coastline with a spit extending into the sea. A yellow line represents the coastline, and a green area represents the land. A blue area represents the sea. A yellow line represents the spit. A green area represents the land. A blue area represents the sea. A yellow line represents the coastline, and a green area represents the land. A blue area represents the sea. A yellow line represents the spit. A green area represents the land. A blue area represents the sea.</p>
d	2	1 mark x 2	<p><i>Groynes:</i></p> <ul style="list-style-type: none"> • fence built at right angles to the coastline. • to stop the movement of sand along the beach due to longshore drift.
e	2	2 marks for any correct explanation	<p><i>The spit can be eroded /it is not always a permanent feature. The shape of the spit could change over time. Any other relevant answer.</i></p>
6	10		
a	1	1	<p><i>Population density is the average number of people per square kilometre living in a country.</i></p>
b	1	1	<p><i>Population density = total population ÷ total land area in km²</i></p>
c	4	1 mark x 4	<p><i>low, sparsely, crowded, densely.</i></p>
d	2	1 mark x 2	<p><i>Germany – 230.6 Canada – 3.35</i></p>
e	2	1 mark x 2	<p><i>i. Singapore ii. Canada</i></p>

7	10		
a	1	1	
b	1	1	<i>international</i>
c	4	2 marks for any 2	<ul style="list-style-type: none"> • <i>More job opportunities</i> • <i>Better paid jobs</i> • <i>Better housing</i> • <i>Better quality of life</i> • <i>More opportunities</i> • <i>Better chance of enjoying life</i> • <i>Any other relevant answer</i>
d	2	1 mark each for any 2	<ul style="list-style-type: none"> • <i>Jobs in farming</i> • <i>Jobs in factories</i> • <i>Jobs in the construction industry</i>
e	2	1 mark each for any 2	<ul style="list-style-type: none"> • <i>Fewer jobs available due to economy slow down.</i> • <i>Unemployment was high and therefore migrants were not needed anymore.</i> • <i>Turks were supposedly taking the jobs that the native Germans should have.</i> • <i>1989 – Berlin wall fell – East Germans worked for low pay; therefore there was a conflict between East Germans and Turks.</i> • <i>Any other relevant answer.</i>
8	10		
a	2	2 marks for any correct definition	<ul style="list-style-type: none"> • <i>Resources that can be used over and over again.</i> • <i>Renewable or infinite energy resources are sources of power that quickly replenish themselves and can be used again and again.</i> • <i>Any other relevant answer.</i>

b	2	2 marks for any correct definition	<ul style="list-style-type: none"> • Resources that cannot be replaced when they are used up eg. Oil, gas, coal. • Resources that can be used once. • Any other relevant answer.
c	2	2 marks for correct explanation	<ul style="list-style-type: none"> • The UK depends on non-renewable, fuels since it uses 96% of all electricity from gas, coal, oil and nuclear power.
d	2	2 marks for correct explanation	<i>These are non-renewable resources. These are mined from the Earth and are burned to produce energy. They are formed from the decomposition of animals, trees and plants that died a very long time ago and have been compressed by sediments layered down on top of them. Their formation takes millions of years.</i>
e	2	1 mark each for any 2	<ul style="list-style-type: none"> • Burning oil produces acid rain. • Burning oil causes air pollution and global warming. • Oil spillage are dangerous. • Any other relevant answer.
9	8		
a	2	2 marks for correct explanation	<i>Wind spins blades of the wind turbine. The generator produces wind energy.</i>
b	2	1 mark x 2	<ul style="list-style-type: none"> • Renewable. • It can be used over and over again.
c	2	1 mark each for any two advantages	<ul style="list-style-type: none"> • Wind turbines do not cause air pollution. • Wind is stronger in winter when demand for electricity is greater. • Running costs are very low. • Wind farms can produce income for farmers. • Any other relevant answer.
d	2	1 mark each for any two disadvantages	<ul style="list-style-type: none"> • Wind does not blow all the time. • Wind farms spoil the look of the countryside. • Large numbers of turbines are needed to produce sufficient energy. • Wind turbines can be noisy and can interrupt TV and radio. • Any other relevant answer.