



Geography Department

OCR GCSE Geography B [9-1]

**Get your facts straight with
this Memory Geogger!!!**

Component 1: Our Natural World

Test your knowledge of the following units

1. Global hazards
2. Changing Climate ✓
3. Distinctive Landscapes
4. Sustaining Ecosystems



created by: adageogjoe

1. A period of time when Earth has permanent ice sheets ICE AGE
2. time period in the earth's history that began about 2.6 million years ago QUATER-
3. First part of the Quaternary period – PLEISTOCENE
4. Second and current part of the Quaternary period—HALOCENE
5. Colder periods that normally last about 100,000 years GLACIALS
6. Warmer periods which normally last about 10,000 years INTER-GLACIALS
7. Tubes of ice drilled out from the depth of an ice sheet ICE CORES
8. Age of the Earth 4.5 BILLION YEARS
9. A colourless, odourless gas naturally present in air (about 0.03 per cent) CO₂
10. occurs in the Arctic Ocean in Winter, it is getting ever smaller (13.3% less every decade) SEA ICE MAXIMUM
11. ↑ in the average temperature of the Earth's atmosphere and oceans GLOBAL WARMING
12. Changes in the shape of the earth's orbit ECCENTRICITY
13. Changes in how earth tilts on its axis OBLIQUITY
14. The amount Earth wobbles on it's axis PRECESSION
15. A temporary dark spot on the Sun's surface SUN SPOT
16. Natural process by which Earth is kept warm by gases that trap the Sun's energy NATURAL GREENHOUSE EFFECT
17. Gases in the atmosphere, such as CO₂, increasing temperature GREENHOUSE GASES
18. since 18??, temps have increased rapidly 1880
19. The trapping of more of the Sun's energy ENHANCED GREENHOUSE EFFECT
20. Ice cores. Darker coloured snow was laid down in which season - WINTER
21. Isotopes in the ice tell us about previous temperatures. ¹⁶O means the temps were
22. Bubbles in the ice tell us about CO₂ content. The more CO₂ there is, the warmer it was TRUE
23. Removal of trees is known as 'd' DEFORESTATION
24. Trees and ice 'trap' carbon, they are known as 'C. S.' CARBON SINKS/STORES

25. The amount of carbon emissions produced by individuals, organisations or communities CARBON FOOTPRINT
26. People who are forced to leave their homes and communities because of the impacts of climate change CLIMATE CHANGE REFUGEES
27. As the temperature of water in the oceans increases, the water expands making sea levels rise (two words TE) THERMAL EXPANSION
28. Evaluating climate change evidence: P's and D's can be used when data doesn't exist. How useful are these? PAINTINGS/DIARIES BETTER>NOTHING; SUBJECTIVE
29. As glaciers melt, water stored as ice is added to oceans MELTING GLACIERS
30. As the large expanses of ice in the Arctic and Antarctic melt, more water is added to the oceans MELTING ICE CAPS
31. The amount of food grown per hectare YIELD
32. When species of animals move to different parts of the world e.g. butterflies moving north SPECIES REFUGEES
33. Flooding that occurs very quickly as a result of heavy rain FLASH FLOODING
34. A Serbian mathematician who argued that climate change was natural and caused by Earth's orbit MILANKOVITCH
35. These natural hazards can result in cooler temperatures as a result of the dust they create. VOLCANIC ERUPTIONS
36. Name 3 greenhouse gases, besides CO₂ METHANE; HALOCARBONS; NITROUS OXIDE
37. This country is the biggest CO₂ emitter CHINA
38. Since 1901 sea levels have risen by ???mm 200MM
39. By 2100 sea levels could be ?mm - ?m higher 500—1000MM
40. This 'd' could become more of an issue if global warming occurs DROUGHT
41. Climate change helps or hinders the spread of disease? HELPS
42. The UK climate could be W and D in the Summer WARMER DRIER
43. The UK climate could be W and W in the Winter WARMER WETTER
44. ??% of the UK's population lives within ?? miles of the coastline 30% 10 MILES
45. This AC country is the 2nd biggest CO₂ emitter USA
46. Island in the Pacific which is 'going down' due to climate change TUVALU
47. This tropical disease might spread into Europe if temps increase MALARIA
48. Climate change will affect the NAD and result in UK winters on the west coast getting colder. NORTH ATLANTIC DRIFT TRUE
49. UK winters will get colder as will our summers! if climate change continues - FALSE