ENGLAND GCSE GEOGRAPHY AQA · UNIT 1 · 25 QUESTIONS

The Challenge of Natural Hazards — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button so it can be fixed.

1

A lighthouse stands on the coast during a storm surge. What is a storm surge?

- A Heavy rain falling on land
- B Sea flooding inland
- C A wave caused by an earthquake
- D A sudden rise in wind speed

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2 **A teapot pours tea as a storm approaches. Over which type of surface do tropical storms form?**

- A Hot deserts
- B Warm oceans
- C Cold oceans
- D High mountain ranges

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3 **Autumn leaves drift past a house in Somerset. Which river flooded badly in Somerset in the winter of 2013 to 2014?**

- A River Severn
- B The River Trent in the Midlands
- C River Parrett
- D River Thames

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4 **A letter arrives from the Philippines. In which year did Typhoon Haiyan hit the Philippines?**

- A 2010
- B 2013
- C 2015
- D The typhoon season of 2011

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5 **A market stall sells vegetables grown in rich soil. Why do people continue to live near volcanoes?**

- A The land is cheap and empty
- B There is no danger at all
- C The government forces them to stay there
- D Fertile soil

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6 **A bicycle leans against a flood defence wall. Which of these increases flood risk in a town?**

- A Creating wetlands to store water
- B Building on floodplains
- C Building flood defences
- D Planting trees upstream

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7 **Which type of seismic wave arrives first at a seismometer?**

- A P waves
- B Surface waves
- C S waves
- D Tidal waves caused by the sea

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8 **Which gas is the main cause of human caused climate change?**

A Carbon dioxide

B Water vapour in the atmosphere

C Oxygen

D Nitrogen

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9 **What does the Met Office issue to warn people of dangerous weather?**

A Farming advice for the week ahead

B Flood maps only

C Tide tables for the coast

D Weather warnings

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10 **What is molten rock called when it is below the surface of the Earth?**

A Ash

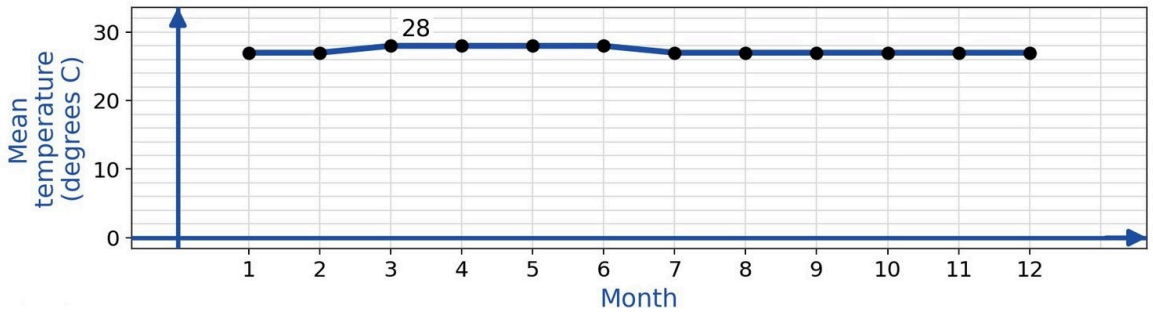
B Lava

C Basalt rock formed after cooling

D Magma

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11 **The graph shows the mean monthly temperature in Singapore. What is the temperature range across the year?**



A About 10 degrees C

B The very large range of 30 degrees C

C About 20 degrees C

D About 2 degrees C

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12 **What was the main cause of death during Typhoon Haiyan?**

A Storm surge

B Disease spreading in the weeks after

C Lack of food after the storm

D Wind alone

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13 **In which layer of the Earth do convection currents move the plates?**

A The thin layer of soil on the surface

B Inner core

C Crust

D Mantle

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14 **What causes most earthquakes?**

- A Tides pulling on the crust
- B Heavy rain falling
- C Volcanoes erupting
- D Plates moving

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15 **Which of these is evidence that the climate is changing?**

- A Glaciers retreating
- B Sea levels falling fast
- C Rainfall stopping completely
- D Winters getting colder everywhere

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16 **Which of these helps reduce flooding in a river catchment?**

- A Tree planting
- B Concreting the river banks
- C Building houses on the floodplain
- D Straightening the river channel

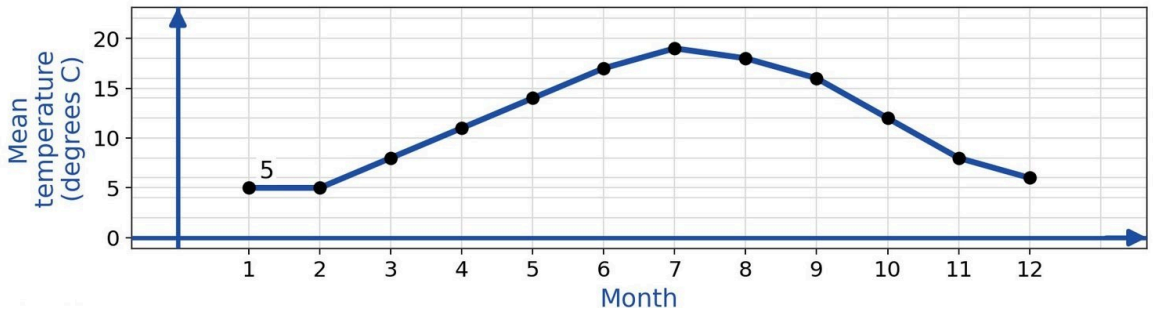
Understand It with Pulse | Flag a mistake

17 **Why do people continue to live near volcanoes?**

- A There is no danger at all
- B The government forces them to stay there
- C Fertile soil
- D The land is cheap and empty

Understand It with Pulse | Flag a mistake

18 **The graph shows the mean monthly temperature in London. Which month is the coldest?**



A The warmest month of August

B January

C September

D July

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19 **What is the name for a tropical storm in the western Pacific?**

A Cyclone

B Tornado over the open ocean

C Hurricane

D Typhoon

Understand It with Pulse | Flag a mistake

20 **What is the point inside the Earth where an earthquake starts?**

A The centre of the fault line on the surface

B Epicentre

C Seismic gap

D Focus

Understand It with Pulse | Flag a mistake

21 **Which type of volcano has steep sides and erupts explosively?**

A Shield

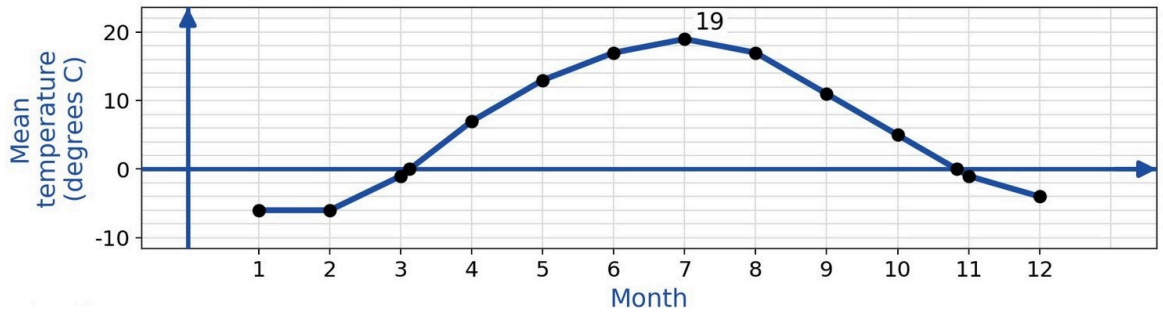
B A wide flat volcano with gentle slopes

C Composite

D Dome

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22 **The graph shows the mean monthly temperature in Moscow. Which month is the warmest?**



A The coldest month of February

B April

C July

D January

Understand It with Pulse | Flag a mistake

23 **How do tropical storms lose energy?**

- A Moving over land
- B Rising into the upper atmosphere
- C Moving over warm water
- D Meeting cold air at high altitude

Understand It with Pulse | Flag a mistake

24 **What happens to the oceanic plate at a destructive plate margin?**

- A It breaks into small pieces on the surface
- B It sinks into the mantle
- C It slides sideways past the other plate
- D It rises to form a mountain

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25 **What is mitigation in the context of climate change?**

A Adapting to the changes

B Reducing emissions

C Ignoring the problem completely

D Moving people away from the coast

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ANSWER KEY

1.	B	**10.**	D	**19.**	D
2.	B	**11.**	D	**20.**	D
3.	C	**12.**	A	**21.**	C
4.	B	**13.**	D	**22.**	C
5.	D	**14.**	D	**23.**	A
6.	B	**15.**	A	**24.**	B
7.	A	**16.**	A	**25.**	B
8.	A	**17.**	C		
9.	D	**18.**	B		

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