NOVA SCOTIA ADVANCED GLOBAL GEOGRAPHY 12 · UNIT B

The Planet Earth — Practice Test

Nova Scotia Advanced Global Geography 12 • 25 questions

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 to let Brett know so he can fix it.

1 **Earth rotates on its axis once every**

- A 24 hours
- B 12 hours
- C 7 days
- D 365 days

Understand It with Pulse | Flag a mistake

2 **Earth revolves around the Sun once every**

A one month

B one year

C one week

D one day

Understand It with Pulse | Flag a mistake

3 **Seasons are caused mainly by**

A the tilt of Earth's axis

B distance from the Moon

C ocean currents only

D human activity

Understand It with Pulse | Flag a mistake

4 **The summer solstice in the Northern Hemisphere is about**

A December 21

B March 21

C September 21

D June 21

Understand It with Pulse | Flag a mistake

5 **The equator receives direct sunlight at the**

A equinoxes

B solstices only

C poles only

D tropics never

Understand It with Pulse | Flag a mistake

6 **Plate tectonics explains**

A the water cycle

B movement of large crustal plates

C soil formation

D seasonal migration

Understand It with Pulse | Flag a mistake

7 **A divergent plate boundary is where plates**

A collide head-on

B slide past sideways

C move apart

D stop moving

Understand It with Pulse | Flag a mistake

8 **A convergent plate boundary is where plates**

A move apart

B melt into air

C rise vertically only

D move together

Understand It with Pulse | Flag a mistake

9 **The Mid Atlantic Ridge is an example of a**

A divergent boundary

B transform boundary

C convergent boundary

D hot spot only

Understand It with Pulse | Flag a mistake

10 **The Himalayas formed mainly by**

A plates moving apart

B continental plates colliding

C volcanic island chains

D glacial erosion

Understand It with Pulse | Flag a mistake

11 **An earthquake focus is the**

A place on the surface above it

B wave that travels fastest

C point inside Earth where rupture starts

D crack in a building

Understand It with Pulse | Flag a mistake

12 **The epicentre of an earthquake is**

- A the deepest point of the ocean
- B the centre of a volcano
- C the edge of a plate
- D the surface point above the focus

Understand It with Pulse | Flag a mistake

13 **A tsunami is most often triggered by**

- A an undersea earthquake
- B a lunar eclipse
- C a forest fire
- D a river flood

Understand It with Pulse | Flag a mistake

14 **Volcanoes commonly form at**

A the centre of continents only

B plate boundaries and hot spots

C river deltas only

D polar ice caps

Understand It with Pulse | Flag a mistake

15 **Magma that reaches the surface is called**

A granite

B sediment

C lava

D glacier ice

Understand It with Pulse | Flag a mistake

16 **Weathering breaks down rock mainly by**

A plate movement only

B human building only

C ocean tides only

D physical chemical or biological processes

Understand It with Pulse | Flag a mistake

17 **Erosion differs from weathering because erosion**

A moves weathered material away

B breaks rock in place

C forms new minerals

D melts rock deep underground

Understand It with Pulse | Flag a mistake

18 **A river valley shaped like a V is usually formed by**

A glacial deposition

B river erosion

C wind deposition

D volcanic eruption

Understand It with Pulse | Flag a mistake

19 **A U-shaped valley is usually formed by**

A river erosion

B wave action

C glacial erosion

D human mining

Understand It with Pulse | Flag a mistake

20 **The water cycle is driven mainly by energy from**

- A the Moon
- B volcanoes
- C wind turbines
- D the Sun

Understand It with Pulse | Flag a mistake

21 **Infiltration is water**

- A soaking into the ground
- B evaporating from leaves
- C flowing in a river
- D freezing on a road

Understand It with Pulse | Flag a mistake

22 **Transpiration is water released from**

A ocean surfaces

B plant leaves

C rooftops

D ice caps

Understand It with Pulse | Flag a mistake

23 **The greenhouse effect is natural warming caused by gases that**

A block all sunlight

B cool the oceans

C trap outgoing heat

D stop all rain

Understand It with Pulse | Flag a mistake

24 **Ocean currents are driven mainly by**

A the Moon alone

B river flow alone

C human shipping

D winds and differences in density

Understand It with Pulse | Flag a mistake

25 **The Coriolis effect deflects moving air and water because Earth**

A rotates

B is flat

C is shrinking

D has mountains

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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