SASKATCHEWAN EARTH SCIENCE 30 · UNIT A · 25 QUESTIONS

Foundations of Earth Science and Earth Systems — 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 to let Brett know so he can fix it.

1 **The solid Earth, including rocks and minerals is called**

- A geosphere
- B atmosphere
- C biosphere
- D system

Understand It with Pulse | Flag a mistake

2 **Which sphere includes all living things**

A geosphere

B biosphere

C hydrosphere

D atmosphere

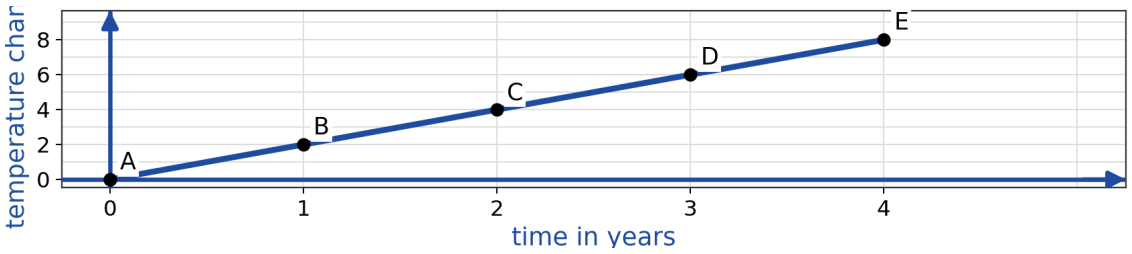
Understand It with Pulse | Flag a mistake

3 **Out of 150 students surveyed, 30 chose the same answer. The percent who chose it is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **The graph shows Earth surface temperature over time. The temperature change in year 4 is ____**



ANSWER _____

Understand It with Pulse | Flag a mistake

5 **All water on Earth is called**

A biosphere

B system

C hydrosphere

D earth science

Understand It with Pulse | Flag a mistake

6 **The rock cycle shows rocks can change between**

A only igneous forms

B only metals

C only soils

D igneous, sedimentary and metamorphic forms

Understand It with Pulse | Flag a mistake

7 **Out of 225 students surveyed, 45 chose the same answer. The percent who chose it is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **The layer of gases around Earth is called**

A atmosphere

B system

C earth science

D rock cycle

Understand It with Pulse | Flag a mistake

9 **Earth outermost solid layer is the**

A mantle

B crust

C core

D atmosphere

Understand It with Pulse | Flag a mistake

10 **Out of 300 students surveyed, 60 chose the same answer. The percent who chose it is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

11 **All living things on Earth is called**

A earth science

B rock cycle

C biosphere

D plate

Understand It with Pulse | Flag a mistake

12 **Interactions between spheres mean a change in one sphere can**

A never affect others

B only affect itself

C stop all change

D affect other spheres

Understand It with Pulse | Flag a mistake

13 **The lithosphere is made of the crust and the**

- A uppermost mantle
- B core
- C atmosphere
- D hydrosphere

Understand It with Pulse | Flag a mistake

14 **A set of interacting parts is called**

- A system
- B rock cycle
- C plate
- D core

Understand It with Pulse | Flag a mistake

15 **The mantle is located**

A above the crust

B between crust and core

C at the centre

D in the atmosphere

Understand It with Pulse | Flag a mistake

16 **The force that drives plate movement comes mainly from**

A convection in the mantle

B ocean tides

C the gravity of the Moon only

D wind on the surface

Understand It with Pulse | Flag a mistake

17 **The study of Earth and its systems is called**

A plate

B core

C earth science

D mantle

Understand It with Pulse | Flag a mistake

18 **Which sphere would a forest fire affect most directly**

A geosphere only

B biosphere and atmosphere

C hydrosphere only

D the core

Understand It with Pulse | Flag a mistake

19 **The processes that change rocks between forms is called**

A core

B mantle

C geosphere

D rock cycle

Understand It with Pulse | Flag a mistake

20 **The inner core is different from the outer core because it is**

A solid while the outer core is liquid

B liquid while the outer core is solid

C made of water

D the same as the crust

Understand It with Pulse | Flag a mistake

21 **A large moving piece of Earth lithosphere is called**

A plate

B mantle

C geosphere

D hydrosphere

Understand It with Pulse | Flag a mistake

22 **Which list gives Earth layers from the outside in**

A core, mantle, crust

B crust, mantle, outer core, inner core

C mantle, crust, core

D atmosphere, core, mantle

Understand It with Pulse | Flag a mistake

23 **The centre layer of Earth is called**

- A geosphere
- B core
- C hydrosphere
- D atmosphere

Understand It with Pulse | Flag a mistake

24 **When a river floods a valley, the spheres interacting are the**

- A hydrosphere and geosphere
- B core and mantle
- C atmosphere only
- D biosphere only

Understand It with Pulse | Flag a mistake

25

The layer of Earth between crust and core is called

A hydrosphere

B atmosphere

C mantle

D biosphere

Understand It with Pulse

Flag a mistake

ANSWER KEY

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

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