

Question 1

Which property of waves has been most important in allowing seismologists to identify the boundaries of the inner core/outer core and the outer core/mantle?

- A) wave reflection
- B) wave refraction
- C) wave velocity
- D) wave amplitude

Answer: <https://biology-forums.com/index.php?topic=418066>

Question 2

Where does a river flow the fastest?

Answer: <https://biology-forums.com/index.php?topic=417027>

Question 3

Which layer of earth is broken into discrete, hundred-kilometer-thick slabs called plates?

- A) the mantle
- B) the crust
- C) the lithosphere
- D) the asthenosphere

Answer: <https://biology-forums.com/index.php?topic=418341>

Question 4

Although George Airy's hypothesis better explains surveying errors in the Himalayas, John Pratt's hypothesis better explains

- A) isostatic adjustments to ice-age glaciers.
- B) how the Himalayas formed in the first place.
- C) elevation differences between oceans and continents.
- D) surveying errors in the Appalachian Mountains.

Answer: <https://biology-forums.com/index.php?topic=417928>

Question 5

Which desert is not subtropical?

- A) Sahara
- B) Kalahari
- C) Namib
- D) Arabian

Answer: <https://biology-forums.com/index.php?topic=417857>

Question 6

Why would we put a clay seal at the surface?

Answer: <https://biology-forums.com/index.php?topic=417286>

Question 7

When is the earliest time that scientists believe that people may have migrated to the west coast of North America from Asia?

- A) 12,000 years ago
- B) 41,000 years ago
- C) 22,000 years ago
- D) 100,000 years ago

Answer: <https://biology-forums.com/index.php?topic=417435>

Question 8

True or False: Earth exhibits a gradual inward transition from low-density to high-density rock.

- A) True
- B) False

Answer: <https://biology-forums.com/index.php?topic=418153>

Question 9

How can surface uplift happen without forming mountains?

Answer: <https://biology-forums.com/index.php?topic=417998>

Question 10

What grade of metamorphism occurs at a depth of 5 km and a temperature of 300 degrees C.

- A) high-grade metamorphism
- B) medium-grade metamorphism
- C) low-grade metamorphism
- D) not found on Earth

Answer: <https://biology-forums.com/index.php?topic=417531>

Question 11

Choose the option that correctly orders the path of windblown dust from Africa.

- A) Texas Oklahoma Kansas Colorado
- B) Florida Virginia North Carolina New York
- C) Florida Texas Oregon Washington
- D) Texas Arkansas Kentucky West Virginia

Answer: <https://biology-forums.com/index.php?topic=417937>

Question 12

A clastic sedimentary rock composed of mud and splits into sheets would be called a

- A) claystone.
- B) mudstone.
- C) shale.
- D) siltstone.

Answer: <https://biology-forums.com/index.php?topic=417413>

Question 13

Werner invited his students to see a particular rock type in France, whereby their viewpoint about the formation of all rocks changed. Which rock did they observe?

- A) sandstone
- B) schist
- C) basalt
- D) granite

Answer: <https://biology-forums.com/index.php?topic=416969>

Question 14

How are the Lakes connected to the Atlantic Ocean?

Answer: <https://biology-forums.com/index.php?topic=417793>

Question 15

What is declination?

- A) the horizontal angle between the magnetic and geographic north poles
- B) the angle of decrease of the axis of rotation in relation to latitude
- C) the angle of increase of the axis of magnetism in relation to latitude
- D) the vertical angle between the field-force line and Earth's surface

Answer: <https://biology-forums.com/index.php?topic=417165>

Question 16

A longshore current exists when

- A) waves are parallel to the shoreline.
- B) waves are perpendicular to the shoreline.
- C) the distance between wave crests increases.
- D) waves approach the shoreline at an angle.

Answer: <https://biology-forums.com/index.php?topic=417752>

Question 17

For most streams, bankfull discharge occurs

- A) about once every 75 years.
- B) about once every 2 years.
- C) daily.
- D) about once per month.

Answer: <https://biology-forums.com/index.php?topic=416820>

Question 18

Which of the following terms is not a classification based on particle size?

- A) rock
- B) debris
- C) regolith
- D) earth

Answer: <https://biology-forums.com/index.php?topic=418176>

Question 19

True or False: The only way to study the composition and mineralogy of oceanic crustal rocks is by drilling or dredging.

- A) True
- B) False

Answer: <https://biology-forums.com/index.php?topic=418110>

Question 20

What region of the United States has the highest summer dust concentrations?

- A) southwest
- B) northeast
- C) southeast
- D) northwest

Answer: <https://biology-forums.com/index.php?topic=417934>