

Earth Explorer Competition - Sample Questions (Secondary)

1. The force that binds the atmosphere around the Earth is

Daya yang mengikat atmosfera di sekitar Bumi ialah

- (A) The nuclear force
Daya nuklear
- (B) The gravitational force
Daya graviti
- (C) The atmospheric force
Daya atmosfera
- (D) The magnetic force
Daya magnet

Answer: B

2. Which of the following minerals is commonly found in Earth's crust and plays a significant role in the formation of igneous rocks?

Mineral yang manakah yang biasa ditemui di dalam kerak Bumi dan memainkan peranan penting dalam pembentukan batuan igneus?

- (A) Quartz
Kuartz
- (B) Halite
Halit
- (C) Gypsum
Gypsum
- (D) Galena
Galena

Answer: A

3. What are seismic waves?

Apakah gelombang seismik?

- (A) Ocean waves
Gelombang lautan
- (B) Sound waves
Gelombang bunyi
- (C) Vibrations from an earthquake
Getaran daripada gempa bumi
- (D) Air currents
Arus udara

Answer: C

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4. The _____ is usually released into the atmosphere after the rain.
_____ *biasanya dilepaskan ke atmosfera selepas hujan.*

- (A) Ocean waves
Gelombang lautan
- (B) Sound waves
Gelombang bunyi
- (C) Vibrations from an earthquake
Getaran daripada gempa bumi
- (D) Air currents
Arus udara

Answer: C

5. Which tidal pattern consists of two high tides and two low tides of similar heights each day?
Corak pasang surut yang manakah terdiri daripada dua air pasang dan dua air surut dengan ketinggian yang hampir sama setiap hari?

- (A) Diurnal tide
Pasang surut diurnal
- (B) Semidiurnal tide
Pasang surut semi-diurnal
- (C) Mixed semidiurnal tide
Pasang surut semi-diurnal campuran
- (D) Neap tide
Pasang surut perbani

Answer: B