

MALAYSIAN EARTH SCIENCE OLYMPIAD
SAMPLE QUESTIONS

GEOLOGY

1. A _____ is a scientist who study about soils.
 - A. Pedologist
 - B. Meteorologist
 - C. Astronomer
 - D. Geologist

2. Where can we usually find active volcanoes?
 - A. On active tectonic plate boundaries
 - B. Centers of the folds
 - C. Interior of continents
 - D. None of the above

3. Which one does not indicate that a volcano is on the verge of an eruption?
 - A. Chemical composition for substances emerging from the volcano has altered
 - B. A rising of the ground indicates ascending magma
 - C. Small earthquakes in shallow depth under the volcano are increasing
 - D. The top of the volcano is often hazy

4. Which of the following are major groups of weathering process?



Weathering of rocks

Source: <http://geologylearn.blogspot.com>

- I. Geographical
 - II. Chemical
 - III. Physical
 - IV. Biological
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- A. I, II & III
 - B. I, II & IV
 - C. I, III & IV
 - D. II, III & IV

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5. The earth crust consists of two different types which differ in their chemical composition. Which of the following is one of them?
- A. Atlantic crust
 - B. Himalayan crust
 - C. Oceanic crust
 - D. Pacific crust
6. Which of the following types of slope failure is the fastest?
- A. Soil creep
 - B. Rock slide
 - C. Debris slide
 - D. Mud slide
7. The Bentong-Raub suture in central Malay Peninsula represents the main _____ ocean basin.



Bentong-Raub suture zone
Source: www.researchgate.net

- A. Neno-Tethys
- B. Palaeo-Tethys
- C. Meso-Tethys
- D. Cenozo-Tethys

ANSWER:

1. A 2. A 3. D 4. D 5. C 6. B 7. B