

Interdisciplinary Graduate School of Science and Engineering, Shimane University

2017 [ For Private-Expense Foreign Students ]

[ DEPARTMENT OF GEOSCIENCE ]

ENTRANCE EXAMINATION (II)

ATTENTION:

- 1 Do not open this paper before the start time.
- 2 Examination paper: 4 pages; Answer sheet: 4 pages  
After the start time, you should confirm that you have the correct number of pages and sheets. Then write your examinee number on all answer sheets.
- 3 All answers should be clearly written on the answer sheets.
- 4 You may take back this examination paper away after the examination.

Examination paper for the Department of Geoscience  
(総合理工学専攻 (地球資源環境学コース) 問題)

---

1 次の文章を読み、その主な内容の要点およびそれに対するあなたの考えを英語または日本語で解答用紙 1 に書きなさい。(Read the following sentences and write a summary of the main points and your opinion about the summary in English or Japanese on the Answer sheet 1.)

(この部分につきましては、著作権の関係により、公開しません。)

(出典(Source): Coen, N., 2013. The history of the Earth. Grand IBC パブリッシング, 160p.より抜粋・一部改変)

Examination paper for the Department of Geoscience  
(総合理工学専攻 (地球資源環境学コース) 問題)

---

2 次の文章を読み、その主な内容の要点およびそれに対するあなたの考えを英語または日本語で解答用紙 2 に書きなさい。(Read the following sentences and write a summary of the main points and your opinion about the summary in English or Japanese on the Answer sheet 2.)

(この部分につきましては、著作権の関係により、公開しません。)

(出典(Source) : Ito, M., Kameo, K., Satoguchi, Y., Masuda, F., Hiroki, Y., Takano, O., Nakajima, T. and Suzuki, N., 2016. Neogene-Quaternary sedimentary successions. In: Moreno, T., Wallis, S., Kojima, T. and Gibbons, W., The Geology of Japan. The Geological Society of London, 309-337p から抜粋・一部改変)

Examination paper for the Department of Geoscience  
(総合理工学専攻 (地球資源環境学コース) 問題)

---

3 次の ( ) にあてはまる最も適切な語句を、各問の語群から選んでその記号を解答用紙 3 に書きなさい。(Complete the sentence by selection of the most appropriate words from the following candidate words, respectively. Write your answer on the Answer sheet 3 using a selected symbol from a to d.)

1. Sills are sheet-like bodies that have great ( ) extent relative to their thickness, and their opposing contacts are approximately parallel.  
(a. temporal, b. lateral, c. compositional, d. thermal)
2. Magmas that reach Earth's surface to form lavas are highly varied, ranging in ( ) from ultramafic komatiites, through basalts and andesites, to rhyolites and feldspathoidal felsic rocks.  
(a. composition, b. pressure, c. importance, d. duration)
3. If someone had not mentioned the rock name, I hardly think I would have ( ) the rock.  
(a. gone, b. recognized, c. came, d. graduated)
4. The complex article was ( ) by the committee of international journal  
(a. approached for, b. reached to, c. belonging, d. rejected)
5. I have no ( ) about what the mineral is like.  
(a. knowing, b. idea, c. having, d. money)
6. The engineer must judge the likelihood of a slide that might endanger life or property and, ( ), design suitable preventive measures.  
(注) preventive measures : 予防策  
(a. if and only if, b. if necessary, c. if not, d. if any)
7. ( ) the variety of conditions that may cause a slide, almost every slide exhibits general characteristics.  
(a. In spite of, b. Due to, c. Although, d. Because)
8. ( ) topics relating to this subject have already been reviewed.  
(a. Every, b. The number of, c. Little, d. A number of)

Examination paper for the Department of Geoscience  
(総合理工学専攻 (地球資源環境学コース) 問題)

---

4

あなたのこれまでの研究内容およびこれからの研究計画を英語または日本語で解答用紙4に書きなさい。(Give a brief summary of your previous studies and your future study plans in English or Japanese on the Answer sheet 4.)