Graduate School of Science and Engineering, Shimane University

[For Private-Expense Foreign Student Entering Master Course in October 2014]

[Department of Geoscience]

ENTRANCE EXAMINATION

【 筆記試験 】

Attention:

- 1 Do not open the paper before the start time.
- 2 Examination paper: 4 pages; answer sheet: 7 pages

After the start time, you should confirm that you have a complete set of examination paper and answer sheets. Then, write your examinee number on all of the answer sheets.

- 3 All of your answers should be clearly written on the answer sheets.
- 4 You may take the examination paper away after the examination.

1	次の文章を参考にして、火山災害に対するあなたの考えを 20 行以内の				
	英語で書きなさい。また、あなたが英語で書いた内容の要旨を、10 行以				
内の日本語で書きなさい。					
	Read the following paragraphs, and write your opinion on volcanic hazard in English within 20 lines. Then summarize them in Japanese within 10 lines. Use Answer sheet 1a and 1b.				
	(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。)				

Source: Hicks G & Campbell H (eds) (2003) Awesome Forces. 159p. (partially modified)

2 次の文章を読み、その主な内容の要点および pore-fluid pressure に対するあなたの考えを 25 行以内の英語で書きなさい。また、あなたが英語で書いた内容の要旨を、10 行以内の日本語で書きなさい。
Read the following paragraph, and write a summary of the main points and your opinion on pore-fluid pressure in English within 25 lines. Then summarize them in Japanese within 10 lines. Use Answer sheet 2a and 2b.

(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。)

Source: Moreno M et al. (2014) Locking of the Chile subduction zone controlled by fluid pressure before the 2010 earthquake. *Nature Geoscience*, Vol.7, No.4, pp.292-296.

3	次の()に	あてはまる最も適当	は語または語句	を下の語釈	羊から選ん	
	で答えなさい。					
	-	entences by selection dates. Use Answer sh		priate ansv	wer from the	
hig the	witational sepa hest part of the gas, and the wa	tures are the main to ration of water, oil, as porous and permea ater to occupy the low of the low	nd gas causes gas ble reservoir rock vest spaces.	s to accum	nulate in the	
cau		() mainly c al disasters in the futures. Ses]: Milankovitch cy wave		_		
ren info	nains (ormation of the	ircon occur in many i) over very long po history of the Earth.]: unstable, soluble, s	eriods of geologic	-		
str	ong effect on th	ses discharged during e environment and h es]: nitrogen oxide, su peroxide	uman health.	•) causes the	
vol	triggered by an canic eruption,	vement of a mass of r external stimulus suc storm waves, or rapid]: Tsunami, Earthqua	h as intense rainfa I stream erosion.	all, earthqu	-	

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 25 行以内の 英語で書きなさい。また、それらの内容を 10 行以内の日本語に要約し て説明しなさい。

Describe your previous study result and future study plan in English within 25 lines. Then summarize them in Japanese within 10 lines. Use Answer sheet 4a and sheet 4b.