

February 3, 2024

令和6年度

島根大学大学院医学系研究科
医科学専攻（修士課程）入学者選抜

試 験 問 題

小 論 文

English Test(Short essay)

（60分間）

Time limit: 60 minutes

注 意

- 1 問題用紙は指示があるまで開いてはいけません。
- 2 問題用紙は表紙を含めて4枚です。
- 3 問題用紙は持ち帰ってください。

Notice:

1. Do not open this cover until you have been instructed to by a proctor.
2. The question sheet consists of 4 pages including this cover.
3. You must bring the question sheet back when you are finished.

Read the following sentences regarding the diagnostic process and answer the questions briefly in either English or Japanese.

(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。)

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(Royce CS, Hayes MM, Schwartzstein RM. Teaching Critical Thinking: A Case for

Instruction in Cognitive Biases to Reduce Diagnostic Errors and Improve Patient Safety. *Acad Med.* 2019 Feb;94:187-194. Modified)

Examinee's number

Question 1: Explain the 'dual process model' in making clinical diagnosis.

Question 2: The authors state that 'errors may arise simply due to the expediency of depending on heuristics'. Why do physicians not always use system 2?

Question 3: Explain the difference between the 'routine expert' and 'adaptive expert'.

Question 4: What is required to be the adaptive expert in the expert practice theory. And why is it required?

Question 5: Explain the cognitive bias of premature closure.

Question 6: What are the examples of 'red flags' in which the interaction between heuristics and cognitive bias may lead to diagnostic error?