# 島根大学大学院医学系研究科医科学専攻(博士課程)入学者選抜

# 英語 B English B

(60分間)

Time limit: 60 minutes

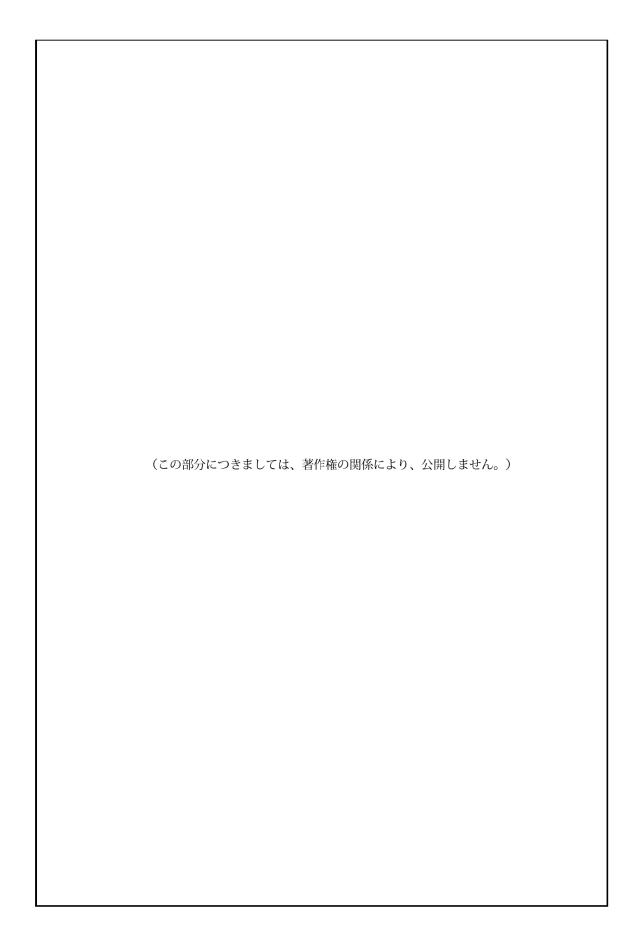
# 注 意

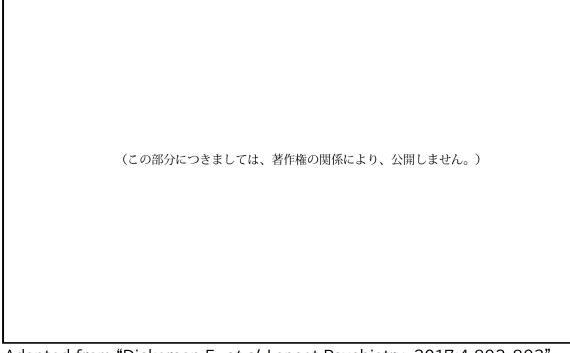
- 1. 問題紙は指示があるまで開いてはいけません。
- 2. 問題紙は表紙を入れて6枚です。
- 3. 解答は指定のない限りすべて英語で解答してください。
- 4. 問題紙は持ち帰ってください。

#### Notice:

- 1. Do not open this cover until you have been instructed to by a proctor.
- 2. The question sheet consists of 6 pages including this cover.
- 3. All answers should be written in English unless otherwise specified.
- 4. You must bring the question sheet back when you are finished.

and answer the following questions.
(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。)





Adapted from "Dickerson F, et al. Lancet Psychiatry. 2017;4:892-893"

Multiple-Choice Questions: Choose one correct answer for each question.

#### Q1.

What was the primary objective of the study conducted by Erlangsen and colleagues?

- A) To identify psychiatric symptoms contributing to mortality
- B) To compare mortality rates between individuals with and without mental disorders
- C) To explore the role of smoking in mental disorders
- D) To develop new psychiatric treatments for mental disorders

### Q2.

What were the leading causes of death among men with mental disorders according to the study?

- A) Respiratory diseases.
- B) Alcohol misuse, accidents, and suicide
- C) Heart disease, neoplasms, and smoking
- D) Natural causes and accidents

#### Q3.

What major difference in mortality trends was observed between people with mental disorders and the general population?

- A) Higher mortality after the age of 80 for people with mental disorders
- B) A steady increase in mortality for the general population in middle age.
- C) Earlier mortality in middle age for people with mental disorders
- D) No significant differences were observed

#### Q4.

Which factor is mentioned as likely contributing to the excess years of life lost due to respiratory illnesses among people with mental disorders?

- A) Obesity
- B) Smoking
- C) Heart disease
- D) Physical exercise

#### Q5.

What limitation of the study is highlighted in the text?

- A) Inadequate sample size
- B) Lack of individual data on specific risk factors
- C) Short duration of the study
- D) Inaccurate data collection methods

#### Q6.

According to the text, which steps are suggested for future research on excess mortality in people with mental disorders?

- A) Focus solely on the effects of tobacco use
- B) Develop a single solution to address health inequities
- C) Prioritize studies on specific subgroups and modifiable causes
- D) Ignore subgroup analysis and focus on general population trends

# Descriptive (Short Answer) Questions: Answer the following questions.

# Q7.

Describe the key finding of Erlangsen and colleagues' study on the mortality gap between people with and without mental disorders.

## Q8.

Why do the authors suggest that studying all people with mental disorders as one group might be problematic for developing targeted interventions? Provide examples from the text.