

October 11, 2024

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.

Read the article below entitled ‘Long way to go to close the mortality gap’ 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。)

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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.