## 英語 A English A

(60分間)

Time limit: 60 minutes

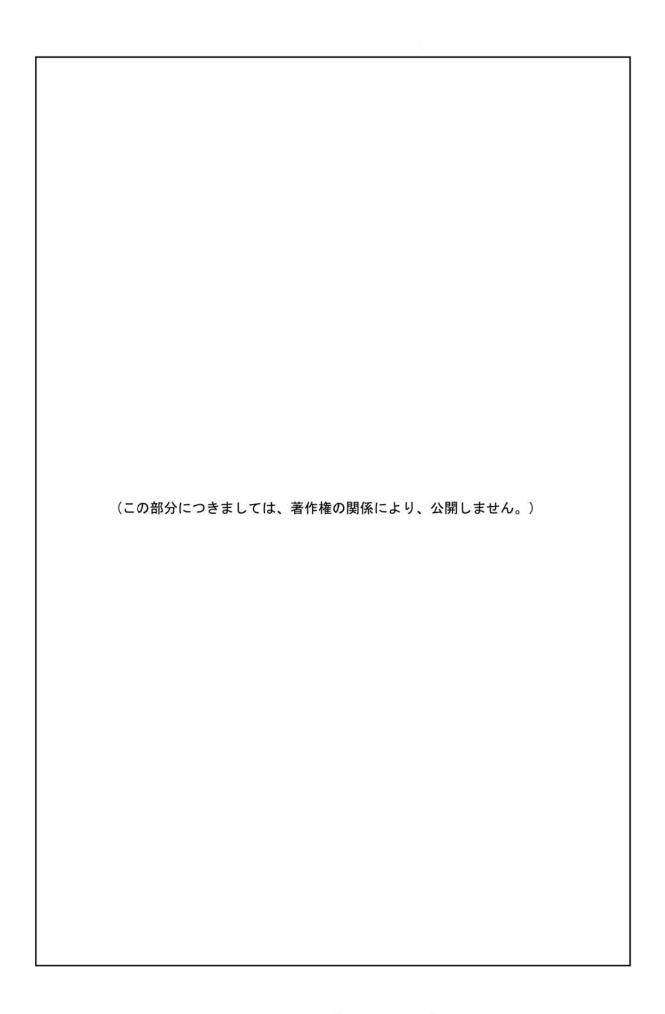
## 注 意

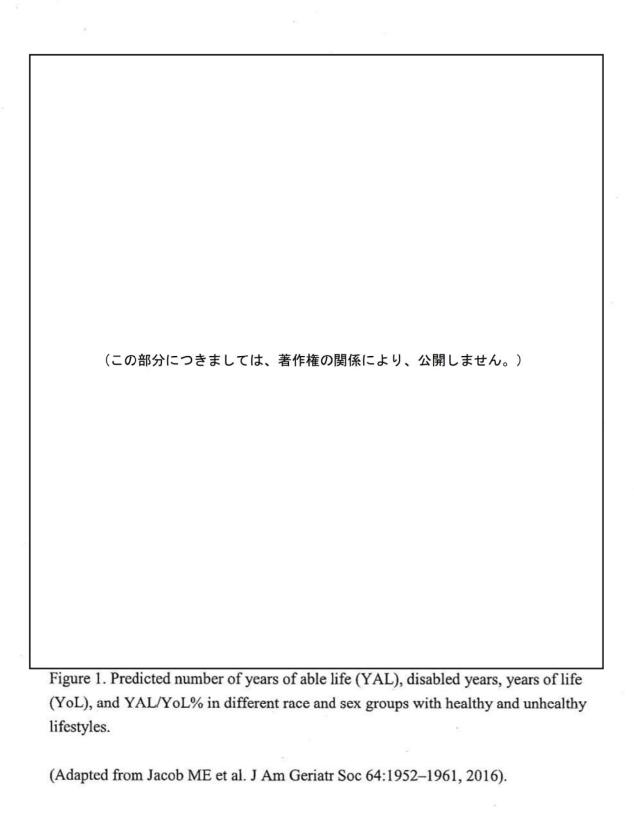
- 1. 問題紙は指示があるまで開いてはいけません。
- 2. 問題紙は表紙を含めて5枚です。
- 3. 問題紙は持ち帰ってください。

## Notice:

- 1. Do not open this cover until you have been instructed to by a proctor.
- 2. The question sheet consists of 5 pages including this cover.
- 3. You must bring the question sheet back when you are finished.

Read the following article and answer the questions below.
(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。)
(From ScienceDaily Sept 1, 2017, https://www.sciencedaily.com/releases/2017/09/170901104641.htm)
(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。)





## Answer the following questions in English or in Japanese.

- Q1. Explain YoL, YAL, and YAL/YoL% being based on the description in the article.
- Q2. What does the result described in the underlined part as Q2 mean? Explain it in plain words.
- Q3. What does the result described in the underlined part as Q3 mean? Explain it in plain words.
- Q4. Choose an appropriate word for each blank of Q4A, Q4B, Q4C, and Q4D from the words below. You can choose one repeatedly.

compression, expansion, lesser, greater, morbidity

- Q5. Add sentence(s) to describe the finding from Figure 1
- Q6. Give an appropriate title of this article (in English only).