

I. Read the text and answer the questions below.

この部分に記載されている文章については、
著作権法上の問題から記載することができません。

出典：New York Times, 2005.02.15. <http://nytimes.com> より一部改変

1. Translate the underlined sentence into Japanese. (there と they の指しているものを明らかにして、訳すこと)

2. Choose the most appropriate word to fill in ①—⑥.

- | | | | | |
|---|----------------|---------------|---------------|--------------|
| ① | A. repaired | B. generated | C. found | D. recharged |
| ② | A. tribulation | B. herd | C. population | D. village |
| ③ | A. proposed | B. inserted | C. wrought | D. voted |
| ④ | A. spending | B. sliding | C. aiding | D. consuming |
| ⑤ | A. energy | B. circuitry | C. designs | D. chips |
| ⑥ | A. reformed | B. envisioned | C. thorough | D. typical |

3. Choose the most appropriate title for the text.

- A. Turning On the Lights Where Electricity Is Rare
- B. Technological Breakthroughs In Africa
- C. Columbia University Mechanical Engineering Focus
- D. New Light Shed On The Phenomenon Of Electricity

II. Read the text and answer the questions below.

この部分に記載されている文章については、
著作権法上の問題から記載することができません。

出典 : *Sunday Times*, 2010.2.14. <http://www.timesonline.co.uk> より一部改変

1. Choose the most appropriate word to fill in ①—⑥

- | | | | | |
|---|-----------------|---------------|----------------|----------------|
| ① | A. significance | B. opposition | C. truth | D. claim |
| ② | A. warned | B. denied | C. sought | D. outlined |
| ③ | A. suggest | B. complain | C. envision | D. prove |
| ④ | A. investigated | B. sighted | C. relied on | D. distorted |
| ⑤ | A. maintained | B. revised | C. spelled out | D. compromised |
| ⑥ | A. novel | B. organized | C. apparent | D. inserted |

2. According to the text, which of the following statements is true?

- A. The Intergovernmental Panel on Climate Change (IPCC) said that future average global temperatures cannot be accurately predicted.
- B. The IPCC predicts that average world temperatures could rise by as much as 2 degrees over the next one hundred years.
- C. Christy thinks that global temperatures have not been rising so much, and temperature increases in the future are not necessarily a major threat.
- D. The increased heat near weather stations is a result of natural, local changes in weather patterns, according to most scientists.

3. Choose the main idea of the text.

- A. There is a lot of evidence for the theory of global warming as well as a lot of evidence against it, and this is why opinions are divided among scientists.
- B. Christy and other scientists have found evidence in support of the position that global climate change as a result of human activity is minimal.
- C. Future studies on climate change should use hard evidence collected at reliable weather stations.
- D. Due to the findings of atmospheric scientist John Christy, the opinions of many scientists about future climate change have been radically transformed.

III. Choose the most appropriate word from A-H to match the definitions ①—⑥.

- ① an interconnected system of things or people
- ② a manner of reasoning often utilizing inference
- ③ the process by which something passes to a different stage
- ④ a current of air
- ⑤ the science of mental life
- ⑥ the quality of being firm or unmoving

A.	draft	B.	evolution	C.	logic	D.	marginal
E.	network	F.	psychology	G.	ratio	H.	stability

IV. Read the text and answer the questions below.

この部分に記載されている文章については、
著作権法上の問題から記載することができません。

出典 : *New Scientist*, Wendy Zuckerman, 2011.4.11. <http://www.newscientist.com>

より一部改変

1. Choose the most appropriate word to fill in ①-④.
A. for B. down C. of D. with
2. Choose the most appropriate clause to fill in [X].
A. which brings oxygen rich ocean water to the surface
B. causing stronger ocean currents and higher waves
C. which raises CO₂-rich deep ocean waters
D. bringing greater amounts of CO₂ to the ocean depths

V. Read the text and answer the questions below.

この部分に記載されている文章については、
著作権法上の問題から記載することができません。

出典 : *New Scientist*, David Shiga, 2011.4.26. <http://www.newscientist.com>

より一部改変

1. Choose the most appropriate word to fill in [イ]—[ニ].
A. seeking B. focusing C. covering D. conducting
2. Choose the most appropriate clause to fill in ①—④.
A. he said he is hopeful that the ATA can be brought back online
B. halting both kinds of observations
C. while simultaneously getting astronomy data on gas clouds and other objects
D. which the Air Force monitors