P1 | Lesson1. Copyright © 2012 by eTOC-surely work-All Rights Reserved 長文読解デュアルメソッド英検 2 級レベル For Teachers: Please have the students read the sentences one at a time and correct their pronunciation of each sentence then have them repeat after you. Wait until after they read the sentence (use the number in place of the missing word) to have the students choose the correct answer to fill in the blank. When the students finish the article, move on to the further questions. 日本語訳なしタイプBもございます。スクロールダウンするとございますのでお好きな方をご利用下さ い。 3A - Lights OuteTOC のレッスン以外で使用禁止 **10.2(3A)A2E** 一般的(いっぱんてき)に 被害(ひがい) 公害(こうがい) 1. When we hear the word "pollution," we generally think of the damage to 環境(かんきょう) ~が原因(げんいん)で 化学物質(かがくぶっしつ) 2. the environment caused by and other substances. chemicals だけれども 注意 (ちゅうい) 3. Recently, however, another type of pollution has begun to attract attention 引(ひ)き合(あ)いに出(だ)す 反対 (はんたい) の 効果 (こうか) -light pollution. This refers to any negative effect light on the environment. According to artificial experts, artificial light *26* 6. is doing damage both to () and to human beings. *Choose the correct answer to fill in the blank from these choices. 文化 (ぶんか)・教養 (きょうよう) 自由時間 (じゆうじかん) 産業 (さんぎょう) 7. **(26)** 1 leisure industry nature culture Further Questions&A*Ask student to answer the question on their own at first. If the student can't answer correctly, have him look at the last page and read the "example answer" for the question. Have the student try to memorize the answer, if it's too long or difficult, you should divide the sentence into 2 or 3 parts to make it easier to remember. Once they have memorized the answer, the teacher should ask the question one last time so that the student can practice answering. Also if you find any mistakes, please mark the page and let me know ASAP. 8. 1)-26 What is pollution? 汚染とはなん Pollution is something made by humans that does damage to the environment. 10.2)-26 What is light pollution? 光書とはなん of artificial light on the environment. Any negative effect 最初 (さいしょ) の人々 (ひとびと) ~に気 (き) づいて 科学者(かがくしゃ) 12. The first people to become aware of light pollution were scientists who ~ということに気(き)づく 13. study the stars. They <u>noticed that</u> it was becoming more and more difficult to 放出 (ほうしゅつ) された given off by cities. Light 14. see stars at night because of all the light though, does not only make it harder for us to see the stars. 15. pollution, 16. It also harms our health by interrupting sleep and sometimes even 能力(のうりょく) 作(つく)り出(だ)す with the body's produce 17. interfering ability to 必要(ひつよう) なもの 健康(けんこう) でいるために 影響 (えいきょう) をおよぼす 野生生物 (やせいせいぶつ) to stay healthy. It also affects wildlife ~の原因(げんいん)となる animals to become (27). For example, artificial lights can causing 20. make it difficult for baby turtles to find the ocean after they are born, and 21. as a result, many of them die. Choose the correct answer to fill in the blank from these choices. 混乱 (こんらん) した 孤独(こどく)な 独立(どくりつ)した

peaceful

independent

22.**(27) 1**

confused

lonely

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{f Further\ Questions\&A}
23. 3)-27 What did scientists who study the stars first notice about light pollution?
       星を研究している人たちが最初に気が付いた光害はなんでしたか。
    They noticed that it was becoming more and more difficult to see stars at night
  (because of the light given off by cities).
                              害 (がい) する
26. 4)-27 How does light pollution harm our health? どのように光害は私 たちの健康を害するのですか。
       By interrupting sleep.
                                                       能力(のうりょく) 作(つく)り出(だ)す
       Sometimes even interfering with the body's ability to produce
      化学作用(かがくさよう)の 必要(ひつよう)なもの
        chemicals
                        needed
                                  to stay healthy.
     反応 (はんのう)
                                                    動向 (どうこう)
29. In response to these problems, an international movement is now trying to
                 影響 (えいきょう)
                                                    組織 (そしき)
30.
           ) the
                   effects
                            of artificial light. An organization called
                            連合(れんごう)
                                          指導(しどう)している
31. International Dark-Sky Association is leading the way by encouraging
32. the protection of areas
                      areas of the sky from light pollution. The organization is
競得(せっとく) する 政府(せいふ) 公共(こうきょう) の 照明(しょうめい)
33. also trying to persuade governments to use public lighting more
               説得(せっとく)する 政府(せいふ)
  効率(こうりつ)よく
34. efficiently.
  *Choose the correct answer to fill in the blank from these choices.
                                              無視 (むし) する
         交換 (こうかん) する
                            減(へ)らす
                                                                 維持(いじ)する
35. (28) 1
                            reduce
          exchange
                                                                preserve
  {f Further\ Questions\&A}
                                            領域(りょういき)
              励(はげ)ましている
                               保護(ほご)する
                                             areas of the sky from light pollution?
36. 5)-28Who is encouraging the protection of
        誰が光害から空の領域の保護をする事を奨励していますか。
    An organization called International Dark-Sky Association.
39. 6)-28 How does International Dark-Sky try to protect areas of the sky?
        International Dark-Sky はどのようにして空の 領域 を守ろうとしていますか。
                                                                      効果的(こうかてき)に
                                                 public
    By trying to persuade governments to use
                                                          lighting more efficiently
                                        作 (つく) る
                                                       実際(じっさい)に
42. At the present, much of the light we produce is not actually needed.
  作(つく) り上(あ) げること 一層(いっそう) 少ない
                               light would not only
                                                            to less light
     Creating
                      less
                                                      lead
                                                    他 (ほか) の方法 (ほうほう) で
44. pollution, but it would also help the environment in other ways.
                                          推測 (すいそく) された
45. In the United States, for example, it is estimated that 2 million barrels of oil
46. are used every day for the production of (
                                               29
                                                     ) light.
                  無駄 (むだ)
                            燃料(ねんりょう)
                                                    お金(かね)を蓄(たくわ)える
                                       would both save money
47. Stopping this waste of
                               fuel
                 量 (りょう)
                             温室効果(おんしつこうか)ガス
                                                      放出 (ほうしゅつ) させる
   lessen the amount of greenhouse gases being
                                                        released
                                                                    into the air.
  *Choose the correct answer to fill in the blank from these choices.
         非公式(ひこうしき)な
                                                                 不必要(ふひつよう)な
49. (29) 1
          unofficial
                        2
                                           3
                                               ordinary
                            temporary
                                                             4 unnecessary
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  {f Further\ Questions\&A}
                     作(つく)り出(だ)すこと より少(すく)ない
<sub>50.</sub> 7)-29 How would
                       creating
                                        less
                                                light
                                                        help
         光を少なくすることでどのような手助けになりますか。
51.
    (1) We would create less light pollution.
52.
                          節約(せつやく)する
    2 Countries would
                                       oil used for the production of light.
                             save
                                      必要(ひつよう)でない
54. 8)-29 What are some examples of unneeded light?
         例としてあげられる不必要な光はなんですか。
55.
    (1) Store signs that are on when the store isn't open.
56.
       Street lights on rarely used streets.
        交通信号灯(こうつうしんごうとう)
                                                       少(すく)ない 通行量(つうこうりょう)
                           late at night when there is little traffic
           Trafficlights
                              玄関(げんかん)の灯(あか)り
    (4) Apartment or house <u>entry lights</u> that are on all night long.
  Vocabularies: Try to memorize these words yourself without looking at the Japanese translations.
  For Teachers: Have the student read the word in English, correct their pronunciation then say it
  together. Then have the student say it in Japanese before saying again in English. After you have
  done this for each line, go back to the first word and have the student translate it.
         leisure
60. (26) 1
                                                nature
                             industry
61. (27) 1
         confused
                         2 lonely
                                             3 peaceful
                                                                4
                                                                   independent
         exchange
                         2 reduce
62. (28) 1
                                            3 ignore
                                                                4
                                                                    preserve
         unofficial 2 temporary
63. (29) 1
                                             3 ordinary
                                                                    unnecessary
  Example sentences: *It must take a long time but Try to use these vocabularies one by one in the
  sentences of your original one. Teacher must show them your for example sentence before ask.
         Your dry cleaning is ready, so please drop by and pick it up at your leisure.
           製造業(せいぞうぎょう)の 産業(さんぎょう)
     The manufacturing industry is very important to the economy.
                                                     取(と)り囲(かこ)まれている 自然(しぜん)に
     We like to go camping every now and then to be
66. <del>3</del>
                                                        surrounded
                                                                       by nature.
                                         ~の一部(いちぶ) 伝統(でんとう)の
                       茶道 (さどう)
     Calligraphy and tea ceremonies are part of traditional Japanese
67. 4
                                                                            culture
                                         文法学 (ぶんぽうがく)
         I am confused by the new
                                          grammar
                                           ひとりぼっちで
     I often feel lonely when I am home alone.
                                        わくわくする
                                                      少(すく)なくとも
     This neighborhood is not very exciting, but at least it is peaceful.
     She likes to walk to school by herself so she can feel more independent.
         I'll exchange my Charizard card for your Pikachu card.
     Let's work together to reduce the amount of trash we
                                                                    create
     Cats often ignore me when I try to get their attention.
                     漬(つ)け汁(しる)につける
                                                      保存(ほぞん)する
     People used to
                          pickle
                                       vegetables to preserve them for a long time.
               BOU 10 PICKIE
非公式 (ひこうしき) 理由 (りゆう)
                                         アイドル 引退 (いんたい) した
                                                                結婚(けっこん)するため
         The unofficial reason the idol retired 代議士 (だいぎし)・議員 (ぎいん) 退職 (たいしょく) 一時 (いち
                                                         was to get married.
                                                   一時 (いちじ) の 後継者 (こうけいしゃ)
```

retired, a **temporary** replacement

After the

representative

late at night when there is little

4Apartment or house entry lights that are on all night long.

解答: (26) 3 (27) 1 (28) 2 (29) 4

Trafficlights

103.

104.

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105. When we hear the word "pollution," we generally think of the damage to the
106. environment caused by chemicals and other substances.
107. Recently, however, another type of pollution has begun to attract

attention—light pollution. This refers to any negative effect of artificial light

on the environment. According to experts, artificial light is doing damage

*Choose the correct answer to fill in the blank from these choices.

) and to human beings.

111. (26) 1 leisure 2 industry3 nature 4 culture

Further Questions&A

108.

109.

both to (

- 1)-26 What is pollution?
- 2)-26 What is light pollution?
- 114. The first people to become aware of light pollution were scientists who study
- the stars. They noticed that it was becoming more and more difficult to see
- stars at night because of all the light given off by cities. Light pollution,
- though, does not only make it harder for us to see the stars. It also harms our
- health by interrupting sleep and sometimes even interfering with the body's
- ability to produce the chemicals needed to stay healthy. It also affects wildlife,
- causing animals to become (27). For example, artificial lights can
- make it difficult for baby turtles to find the ocean after they are born, and
- as a result, many of them die.
- 123. Choose the correct answer to fill in the blank from these choices.
- 124. (27) 1 confused 2 lonely 3 peaceful 4 independent

Further Questions&A

- 3)-27 What did scientists who study the stars first notice about <u>light pollution</u>?
- 4)-27 How does light pollution harm our health?
- 2 Sometimes even interfering with the body's ability to produce the chemicals needed to stay healthy.
- In response to these problems, an international movement is now trying to
- 130. (28) the effects of artificial light. An organization called International
- Dark-Sky Association is leading the way <u>by encouraging</u> the protection of areas of the sky from light pollution. The organization is also trying to
- persuade governments to use public lighting more efficiently.
- *Choose the correct answer to fill in the blank from these choices.
- 135. (28) 1 exchange 2 reduce 3 ignore 4 preserve

Further Questions&A

- 5)-28Who is encouraging the protection of areas of the sky from light pollution?
- 6)-28 How does International Dark-Sky try to protect areas of the sky?
- At the present, much of the light we produce is not actually needed.
- 139. Creating less light would not only lead to less light pollution, but it would

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140.	also help the environment in other ways. In the United States, for example,								
141.	it is estimated that 2 million barrels of oil are used every day for the								
142.	production of (29) light. Stopping this waste of fuel would both save								
143.	money and lessen the amount of greenhouse gases being released into the								
144.	air.								
*Choose the correct answer to fill in the blank from these choices.									
145.	(29) 1 unofficial 2 temporary 3 ordinary 4 unnecessary								
Further Questions&A									
146.	7)-29 How would creating less light help?								
147.	We would create less light pollution.								
148.	Countries would save oil used for the production of light.								
149.	8)-29 What are some examples of unneeded light?								
150.	① Store signs that are on when the store isn't open.								
151.	2 Street lights on rarely used streets.								
152.	3 Traffic lights late at night when there is little traffic.								
153.	Apartment or house entry lights that are on all night long.								
154.	(26) 1 leisure 2 industry 3 nature 4 culture								

154.	(26)	1	leisure	2	industry	3	nature	4 culture
155.	(27)	1	confused	2	lonely	3	peaceful	4 independent
156.	(28)	1	exchange	2	reduce	3	ignore	4 preserve
157.	(29)	1	unofficial	×2	temporary	3	ordinary	4 unnecessary

Example sentences:

- 158. **(26)1** Your dry cleaning is ready, so please drop by and pick it up at your leisure.
- The manufacturing **industry** is very important to the economy.
- We like to go camping every now and then to be surrounded by nature.
- 161. 4 Calligraphy and tea ceremonies are part of traditional Japanese culture.
- 162. (27)1 I am confused by the new grammar.
- ^{163.} I often feel lonely when I am home alone.
- This neighborhood is not very exciting, but at least it is peaceful.
- She likes to walk to school by herself so she can feel more **independent**.
- 166. (28)1 I'll exchange my Charizard card for your Pikachu card.
- Let's work together to reduce the amount of trash we create.
- Cats often ignore me when I try to get their attention.
- People used to pickle vegetables to **preserve** them for a long time.
- 170. (29)1 The unofficial reason the idol retired was to get married.
- 2 After the representative retired, a **temporary** replacemen took his place until the next election.
- 172. 3 I thought I saw a rare bird, but it <u>turned out to be</u> simply an **ordinary** crow.
- 4 Restaurants often give me a knife, but Irarelyneed it. It is usually unnecessary.

Answers for "Vocabularies".

174. (26) 1 leisure 2 industry 3 nature 4 culture

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175.	(27)	1	confused	2	lonely	3	peaceful	4	independent
176.	(28)	1	exchange	2	reduce	3	ignore	4	preserve
177.	(29)	1	unofficial	2	temporary	3	ordinary	4	unnecessary
	•		. •						

Review Questions

- 1)-26 What is pollution?
- 2)-26 What is light pollution?
- 3)-27 What did scientists who study the stars first notice about light pollution?
- 181. 4)-27 How does light pollution harm our health?
- 2 Sometimes even interfering with the body's ability to produce the chemicals needed to stay healthy.
- 5)-28 Who is encouraging the protection of areas of the sky from light pollution?
- 6)-28 How does International Dark-Sky try to protect areas of the sky?
- 7)-29 How would creating less light help?
- 187. *① We would create less light pollution.*
- 2 Countries would save oil used for the production of light.
- 8)-29 What are some examples of unneeded light?
- 191. 2 Street lights on rarely used streets.
- 192. 3 Trafficlights late at night when there is little traffic.
- 193. **Apartment** or house entry lights that are on all night long.

解答: (26) 3 (27) 1 (28) 2 (29) 4

