

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好きな方をご利用下さい。

4[B] – The Gift of Sight

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1. One common cause of eyesight problems is cataracts, a disease that affects the lens of the eye. When people suffer from cataracts, the lens becomes clouded, making it difficult to see clearly.
2. In severe cases, eyesight can be lost completely. Cataracts are caused by changes in the liquid inside the lens, and are relatively common as people become older. Nowadays, fortunately, most cataracts can be cured by a simple operation in which the lens is removed and replaced with an artificial one.

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.

9. 1) What are cataracts? *白内障とはなんですか。*
10. They are a disease that affects the lens of the eye and are a common cause of eyesight problems.
11. 2) What happens when a person has cataracts? *白内障になると人はどうなりますか。*
12. The lens becomes clouded making it difficult to see clearly, in severe cases eyesight can be lost completely.
13. 3) What causes cataracts? *白内障の原因は何ですか。*
14. Changes in the liquid inside the lens cause cataracts.
15. It is not only human beings, however, who suffer from cataracts. Many animals, both wild and domestic, can also get them. Recently, a small German company called S&V Technologies, has developed special equipment for treating animal cataracts. One device is has developed in a portable machine for removing diseased lenses. This allows a veterinarian who has to treat an animal with cataracts to visit the animal rather than having it brought to a hospital.
22. The company has also developed special plastic lenses for animals' eyes. These

23.can be made in any size, from tiny ones for cats to large ones for animals such
24.as elephants.

Further Questions&A

- 25.4) Do only human beings suffer from cataracts? ~を患(わずら)う 人間だけが白内障を患いますか。
26.No, many animals both wild and domestic can also get them. ちっちゃな
27.5) What does the device reated by S&V technologies allow a veterinarian to do? 装置(そうち) ~を許(ゆる)す
28.S&V technologies が発明した装置は獣医がなにをすることを可能にしましたか。
29.The veterinarian can treat an animal with cataracts without having it brought to a hospital.
30.The company has been surprised by the strong demand for its products. 売(う)れ口(ぐち) 製品(せいひん)
31.Recently, for example, the Animal Health Trust, a British charity that helps 最近(さいきん)
32.animals, sent two veterinarians to China to treat a group of bears with eye 獣医(じゅうい) くま
33.problems. The veterinarians later said that without the new portable 持(も)ち運(はこ)びのできる
34.equipment, it would have been impossible to cure these bears. In another 治(なお)る
35.case, an aquarium in California used the equipment to help a sea lion that 水族館(すいぞくかん) アシカ
36.had trouble performing tricks for audiences because of cataracts. 実行(じっこう)する 芸当(げいとう) 観客(かんきゃく)
37.After the operation, the animal was able to perform perfectly again. 手術(しゅじゅつ) 演(えん)じる 完全(かんぜん)に

Further Questions&A

- 38.6) How have people used the new device? 装置(そうち) ひとびと 人々はどのように新しい装置を使っていますか。
39.①-Two veterinarians were sent to China to treat bears with eye problems. 水族館(すいぞくかん) 備品(びひん) アシカ
40.②-An aquarium in California used the equipment to help a sea lion. 証明(しょうめい)された 有効(ゆうこう)な
41.7) Has the equipment proven to be effective? そうび ゆうこう しょうめい
42. その装置は有効であると証明されていますか。
43.Yes, the sea lion that had trouble performing tricks could perform perfectly after the operation. 演技(えんぎ) 芸当(げいとう) 演(えん)じる 手術(しゅじゅつ)

- 44.Although the equipment is expensive, there are many people who want to use it. 事実(じじつ) ~のよると 主な
45.In fact, according to S&V Technologies, the main problem now is that there are still 獣医(じゅうい)
46.so few veterinarians who know how to treat animal cataracts with its equipment.
47.For this reason, the company has started training veterinarians how to use its products. 申(もう)し込(こ)んだ
48.Many people have applied to learn, which is good news both for the ~を患(わずら)っている
49.company and for animals around the world suffering from cataracts.

Further Questions&A

- 50.8) Has this equipment been popular amongst veterinarians?

51. この装置は獣医たちの間で人気ですか。

52. *Yes, although the equipment is expensive, there are many people who want to use it.*

***Choose the correct answer from these choices.**

53. (37) Today, people who suffer from cataracts 今日、白内障を患っている人々は…

54.1 need to change their contact lenses every day.

55.2 can usually have the problem 治(なお)された 手術(しゅじゅつ) fixed by surgery .

56.3 are able to treat the 病気(びょうき) illness with a new medicine. 薬(くすり)

57.4 often find their eye sights improve as they get older. 改善(かいぜん)する 年(とし)をとる

58. (38) What is one way that S&V Technologies has helped animals with cataracts? S&V Technologies が白内障の動物を助けるための一つの方法とはなんですか。

59.1 By donating machines for treating cataracts to many countries around the world. 寄付(きふ)する 発展(はってん)している 装具(そうぐ) 獣医(じゅうい) 扱(あつか)う

60.2 By developing equipment that lets veterinarians treat animals without leaving the hospitals. ~なしで済ます 取(と)り残(のこ)す 発明(はつめい)

61.3 By inventing a special lens that changes size after it is put in the animal's eye. 創造(そうぞう)する 人工(じんこう)の さまざまな

62.4 By creating artificial lenses that can be used by a variety of different animals.

63. (39) Equipment from S&V Technologies S&V Technologies の装置は…

64.1 has made it possible to help animals that previously could not be cured. それを可能(かのう)にしている 以前(いぜん)に 治(なお)る

65.2 is being produced in China by a charity called the Animal Health Trust. ~で生産(せいさん)されている ~呼(よ)ばれている

66.3 allowed a group of sea lions in California to be set free in the ocean. ~を許(ゆる)した アシカ 自由(じゆう)を与(あた)える

67.4 can be used to help certain kinds of animals learn new tricks. ~に使(つか)うことができる 特定(とくてい)の 種類(しゅるい)の

68. (40) What is the biggest difficulty that S&V Technologies has discovered? 困難(こんなん)なこと 発見(はっけん)した

69. S&V Technologies が気付いた最大の困難とはなんですか。

70.1 It is difficult for veterinarians to decide which animals to treat first.

71.2 Its equipment is too expensive for most veterinarians to buy.

72.3 There are not enough veterinarians who can use its products.

73.4 Few veterinarians have shown an interest in its training program. 見(み)せた 養成(ようせい) 計画(けいかく)

Review Questions

74.1) What are cataracts?

75. They are a disease that affects the lens of the eye and are a common cause of eyesight problems. 病気(びょうき) ~に悪影響(あくえいきょう)をおよぼす いつものこと 原因(げんいん) 視力(しりょく)

76.2) What happens when a person has cataracts?

77. The lens becomes clouded making it difficult to see clearly, in severe cases eyesight can be lost completely. ~になる 曇(くも)る ~しにくい はっきりと 蔽(きび)しい 失(うしな)う 完全(かんぜん)に

78. **3)** What causes cataracts?

変化 (へんか) 液体 (えきたい) 水晶体 (すいしょうたい)

79. *Changes in the liquid inside the lens cause cataracts.*

80. **4)** Do only human beings suffer from cataracts?

~を患 (わずら) う

81. *No, many animals both wild and domestic can also get them.*

野生 (やせい) 飼 (か) われている

82. **5)** What does the device created by S&V technologies allow a veterinarian to do?

装置 (そうち)

~を許 (ゆる) す

83. *The veterinarian can treat an animal with cataracts without having it brought to a hospital.*

84. **6)** How have people used the new device?

装置 (そうち)

85. **①** *Two veterinarians were sent to China to treat bears with eye problems.*

86. **②** *An aquarium in California used the equipment to help a sea lion.*

水族館 (すいぞくかん)

備品 (びひん)

アシカ

87. **7)** Has the equipment proven to be effective?

証明 (しょうめい) された

有効 (ゆうこう) な

88. *Yes, the sea lion that had trouble performing tricks could perform perfectly after the operation.*

演技 (えんぎ)

芸当 (げいとう)

演 (えん) じる

手術 (しゅじゅつ)

89. **8)** Has this equipment been popular amongst veterinarians?

90. *Yes, although the equipment is expensive, there are many people who want to use it.*

解答: (37) 2 (38) 4 (39) 1 (40) 3

Type B 日本語訳なし

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91. One common cause of eyesight problems is cataracts, a disease that affects the
92. lens of the eye. When people suffer from cataracts, the lens becomes clouded,
93. making it difficult to see clearly. In severe cases, eyesight can be lost completely.
94. Cataracts are caused by changes in the liquid inside the lens, and are relatively
95. common as people become older. Nowadays, fortunately, most cataracts can be
96. cured by a simple operation in which the lens is removed and replaced with an
97. artificial one.

Further Questions&A

98. **1)** What are cataracts?

99. **2)** What happens when a person has cataracts?

100. **3)** What causes cataracts?

101. It is not only human beings, however, who suffer from cataracts. Many animals,
102. both wild and domestic, can also get them. Recently, a small German company
103. called S&V Technologies, has developed special equipment for treating animal
104. cataracts. One device is has developed in a portable machine for removing
105. diseased lenses. This allows a veterinarian who has to treat an animal with
106. cataracts to visit the animal rather than having it brought to a hospital.
107. The company has also developed special plastic lenses for animals' eyes. These

108. can be made in any size, from tiny ones for cats to large ones for animals such
109. as elephants.

Further Questions&A

110. 4) Do only human beings suffer from cataracts?

111. 5) What does the device reated by S&V technologies allow a veterinarian to do?

112. The company has been surprised by the strong demand for its products.
113. Recently, for example, the Animal Health Trust, a British charity that helps
114. animals, sent two veterinarians to China to treat a group of bears with eye
115. problems. The veterinarians later said that without the new portable
116. equipment, it would have been impossible to cure these bears. In another case,
117. an aquarium in California used the equipment to help a sea lion that had
118. trouble performing tricks for audiences because of cataracts. After the
119. operation, the animal was able to perform perfectly again.

Further Questions&A

120. 6) How have people used the new device?

121. ① - *Two veterinarians were sent to China to treat bears with eye problems.*

122. ② - *An aquarium in California used the equipment to help a sea lion.*

123. 7) Has the equipment proven to be effective?

124. Although the equipment is expensive, there are many people who want to use it.
125. In fact, according to S&V Technologies, the main problem now is that there are still so
126. few veterinarians who know how to treat animal cataracts with its equipment.
127. For this reason, the company has started training veterinarians how to use its products.
128. Many people have applied to learn, which is good news both for the company
129. and for animals around the world suffering from cataracts.

Further Questions&A

130. 8) Has this equipment been popular amongst veterinarians?

***Choose the correct answer from these choices.**

131. (37) Today, people who suffer from cataracts

132. 1 need to change their contact lenses every day.

133. 2 can usually have the problem fixed by surgery.

134. 3 are able to treat the illness with a new medicine.

135. 4 often find their eye sights improve as they get older.

136. (38) What is one way that S&V Technologies has helped animals with cataracts?

137. 1 By donating machines for treating cataracts to many countries around the world.

138. 2 By developing equipment that lets veterinarians treat animals without leaving the hospitals.

139. 3 By inventing a special lens that changes size after it is put in the animal's eye.

140. 4 By creating artificial lenses that can be used by a variety of different animals.

141. (39) **Equipment from S&V Technologies**

142. 1 has made it possible to help animals that previously could not be cured.
 143. 2 is being produced in China by a charity called the Animal Health Trust.
 144. 3 allowed a group of sea lions in California to be set free in the ocean.
 145. 4 can be used to help certain kinds of animals learn new tricks.

146. (40) **What is the biggest difficulty that S&V Technologies has discovered?**

147. 1 It is difficult for veterinarians to decide which animals to treat first.
 148. 2 Its equipment is too expensive for most veterinarians to buy.
 149. 3 There are not enough veterinarians who can use its products.
 150. 4 Few veterinarians have shown an interest in its training program.

Review Questions

151. 1) What are cataracts?
 152. 2) What happens when a person has cataracts?
 153. 3) What causes cataracts?
 154. 4) Do only human beings suffer from cataracts?
 155. 5) What does the device created by S&V technologies allow a veterinarian to do?
 156. 6) How have people used the new device?
 157. ① *-Two veterinarians were sent to China to treat bears with eye problems.*
 158. ② *-An aquarium in California used the equipment to help a sea lion.*
 159. 7) Has the equipment proved to be effective?
 160. 8) Has this equipment been popular amongst veterinarians?

解答: (37) 2 (38) 4 (39) 1 (40) 3