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**3[B]** – **Waters for N.Y.C.**  Lesson1 G2 Chobun TypeB 10.2(3B)A2E

1. New York City, with its skyscrapers and other tall buildings, has often been  
 2. regarded as the world's first modern city. There is one other thing about New  
 3. York's buildings, however, that is surprisingly( **30** ). This is the way in  
 4. which they are supplied with water. Every building over six stories high in New  
 5. York, including the most up to date skyscrapers, has a tower with a wooden  
 6. tank on the top filled with water. What is more, the design of these water  
 7. towers has hardly changed over the last 100 years.

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

8. **(30)** 1 expensive 2 uneasy 3 good looking 4 old fashioned

**Further Questions& sample answers**

9. **1)-30** Why is New York considered the first modern city?

10. *Because of its skyscrapers and other tall buildings.*

11. **2)-30** What does every building over six stories have in New York?

12. *They have a tower with a wooden tank on the top filled with water.*

13.  
 14. The water towers were first used in the 19<sup>th</sup> century. New York's underground  
 15. water system was built in the 1840s, when most buildings were only one or two  
 16. stories high. Before long, though, the population of the city began to expand  
 17. rapidly. Since land was ( **31** ), people needed to construct taller buildings.  
 18. Unfortunately, the water system did not have enough pressure to supply water  
 19. to the upper floors of these buildings. Builders tried to increase the water  
 20. pressure, but this led to burst pipes. As a result, the city passed a law requiring  
 21. every building more than six stories high to have a water tower.

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

22. **(31)** 1 reasonable 2 limited 3 unstable 4 private

**Further Questions& sample answers**

23. **3)-31** When were water towers first used?

24. *They were first used in the 19<sup>th</sup> century.*

25. **4)-31** Why didn't New York increase the pressure in the water system?

26. *When builders tried to increase the water pressure, it led to burst pipes.*

27. Water towers work by using the power of ( **32** ). The wooden tank on the top  
 28. of the tower is filled with water by a pump and the water then flows down  
 29. through pipes to each part of the building that needs it. When the water in the  
 30. tank drops below a certain level, the pump automatically refills the tank.

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

31. **(32)** 1 gravity 2 knowledge 3 sunshine 4 tradition

**Further Questions& sample answers**

32. **5)-32** How do water towers work?

33. *The wooden tank on the top of the tower is filled with water by a pump and the  
 water*

34. *then flows down through pipes to each part of the building that needs it.*

35.



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36.

37. **6)-32** What happens when the water in the tank drops below a certain level?38. *The pump automatically refills the tank.*

39.

40. The water for everyday use is taken from the top part of the tank.41. The water lower down is connected to different pipes so that it can be used in  
42. case of a fire. New Yorkers say these water towers have many ( **33** ).43. They are energy efficient, and because the water is often moving, it does not  
44. freeze in the winter. Above all, New Yorkers say, the wooden tanks keep  
45. their water tasting fresh and delicious.

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

46. **(33)** 1 decorations 2 combinations 3 benefit 4 opportunities**Further Questions& sample answers**47. **7)-33** What's the water lower in the tank reserved for?48. *It's kept in case there's a fire in the building.*49. **8)-33** What are the advantages to use water towers?50. **①**-*They're energy efficient.*51. **②**-*Because the water is often moving, it does not freeze in the winter.*52. **③**-*The wooden tanks keep the water tasting fresh and delicious.*53. **(30)** 1 expensive 2 uneasy 3 good-looking 4 old-fashioned54. **(31)** 1 reasonable 2 limited 3 unstable 4 private55. **(32)** 1 gravity 2 knowledge 3 sunshine 4 tradition56. **(33)** 1 decorations 2 combinations 3 benefit 4 opportunities**Example sentences**57. **(30)**58. **1** I cannot buy that bracelet, it is too **expensive**.59. **2** Being watched all the time makes me feel very **uneasy**.60. **3** The waitress at the restaurant is very **good-looking**.61. **4** There are many traditional, **old-fashioned** buildings around here.62. **(31)**63. **1** My teacher assigns only a reasonable amount of homework, I can usually do  
it under an hour.64. **2** There is a number of people who can speak English around here is very **limited**.65. **3** You should be careful standing on that chair, it is very **unstable**.66. **4** Please don't go into my room, it is **private**.67. **(32)**68. **1** When we jump, **gravity** will pull us back to the ground.69. **2** I gain a lot of **knowledge** in school.70. **3** We have the most **sunshine** in spring and summer.71. **4** My family has a **tradition** of spending every Christmas together.

72. (33)
73. 1 We put up **decorations** for the Halloween celebration.
74. 2 Rules about color **combinations** and patterns indicated ranks.
75. 3 The **benefit** of taking the bus over the train is that it is faster.
76. 4 There are many **opportunities** to work with growing businesses in China.

### Answers for "Vocabularies".

77. (30) 1 expensive      2 uneasy      3 good-looking      4 old fashioned
78. (31) 1 reasonable      2 limited      3 unstable      4 private
79. (32) 1 gravity      2 knowledge      3 sunshine      4 tradition
80. (33) 1 decorations      2 combinations      3 benefit      4 opportunities

### Review Questions

81. 1)-30 Why is New York considered the first modern city?  
82. *Because of its skyscrapers and other tall buildings.*
83. 2)-30 What does every building over six stories have in New York?  
84. *They have a tower with a wooden tank on the top filled with water.*
85. 3)-31 When were water towers first used?  
86. *They were first used in the 19th century.*
87. 4)-31 Why didn't New York increase the pressure in the water system?  
88. *When builders tried to increase the water pressure, it led to burst pipes.*
89. 5)-32 How do water towers work? (\*Choose the sentence which includes in the paragraph.)  
90. *The wooden tank on the top of the tower is filled with water by a pump and the water*  
91. *then flows down through pipes to each part of the building that needs it.*
92. 6)-32 What happens when the water in the tank drops below a certain level?  
93. *The pump automatically refills the tank.*
94. 7)-33 What's the water lower in the tank reserved for?  
95. *It's kept in case there's a fire in the building.*
96. 8)-33 What are the advantages to use water towers?  
97. ①-*They're energy efficient.*  
98. ②-*Because the water is often moving, it does not freeze in the winter.*  
99. ③-*The wooden tanks keep the water tasting fresh and delicious.*



解答: (30) 4 (31) 2 (32) 1 (33) 3

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### 3[B] – Waters for N.Y.C.

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100. New York City, with its 超高層 (ちょうこうそう) ビル skyscrapers and other tall buildings, has often  
101. been regarded as the world's first 近代的 (きんだいてき) な modern city. There is one other

102. thing about New York's buildings, however, that is surprisingly  
 103. ( 30 ). This is the way in which they are supplied with water.  
 104. Every building over six stories high in New York, including the most  
 105. up to date skyscrapers, has a tower with a wooden tank on the  
 106. top filled with water. What is more, the design of these water towers  
 107. has hardly changed over the last 100 years.

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

108. (30) 1 expensive 2 uneasy 3 good looking 4 old fashioned

**Further Questions& sample answers**

109. 1)-30 Why is New York considered the first modern city?  
 110. なぜニューヨークは最初の近代的な都市だとされていますか。  
 111. Because of its skyscrapers and other tall buildings.  
 112. 2)-30 What does every building over six stories have in New York?  
 113. ニューヨークのすべての6階建て以上の建物にあるものはなんですか。  
 114. They have a tower with a wooden tank on the top filled with water.

115. The water towers were first used in the 19th century. New York's  
 116. underground water system was built in the 1840s, when most buildings  
 117. were only one or two stories high. Before long, though, the population  
 118. of the city began to expand rapidly. Since land was ( 31 ),  
 119. people needed to construct taller buildings. Unfortunately, the water  
 120. system did not have enough pressure to supply water to the  
 121. upper floors of these buildings. Builders tried to increase the  
 122. water pressure, but this led to burst pipes. As a result, the city  
 123. passed a law requiring every building more than six stories  
 high to have a water tower.

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

124. (31) 1 reasonable 2 limited 3 unstable 4 private

**Further Questions&sample answers**

125. 3)-31 When were water towers first used?  
 126. They were first used in the 19th century.  
 127. 4)-31 Why didn't New York increase the pressure in the water system?  
 128. なぜニューヨークは水道の圧力を強めないのですか。  
 129. When builders tried to increase the water pressure, it led to burst pipes.

130. Water towers work by using the power of ( **32** ). The wooden tank on  
給水塔 (きゅうすいとう) ははたらく ~をつかって  
 131. the top of the tower is filled with water by a pump and the water then  
~で満 (み) たされた そういうわけで  
 132. flows down through pipes to each part of the building that needs it.  
流 (なが) れる ~を通 (とお) って それぞれの  
 133. When the water in the tank drops below a certain level, the  
落 (お) ちる ~より下 (した) へ 一定 (いっぺい) の 水準 (すいじゅん)  
 134. pump automatically refills the tank.  
自動的 (じどうてき) に 再 (ふたた) び満 (み) たす

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

135. **(32)** 1 **gravity** 重力 (じゅうりょく) 2 **knowledge** 知識 (ちしき) 3 **sunshine** 日光 (にっこう) 4 **tradition** 伝統 (でんとう)

**Further Questions& sample answers**

136. **5)-32** How do water towers work?  
きゅうすいとう 給水塔 はどのようにして動きますか。 うご  
 137. *The wooden tank on the top of the tower is filled with water by a pump and the water*  
 138. *then flows down through pipes to each part of the building that needs it.*  
 139. **6)-32** What happens when the water in the tank drops below a certain  
一定 (いっぺい) の  
 level? なか すいじゅん いっぺい すいじゅん したまわ タンクの中の水位が一定の水準を下回るとどうなりますか。  
 140. *The pump automatically refills the tank.*  
再 (ふたた) び満 (み) たす

141. The water for everyday use is taken from the top part of the tank.  
日常的 (にちじょうてき) に使 (つか) うための ~から取 (と) られた  
 142. The water lower down is connected to different pipes so that it can be  
下 (した) にさがっている つながっている  
 143. used in case of a fire. New Yorkers say these water towers have  
~の場合 (ばあい) に 火災 (かさい)  
 144. many ( **33** ). They are energy efficient, and because the water is often  
すぐれている  
 145. moving, it does not freeze in the winter. Above all, New Yorkers say, the  
凍 (こお) る とりわけ  
 146. wooden tanks keep their water tasting fresh and delicious.  
味 (あじ) がする 新 (あた) らしい

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

147. **(33)** 1 **decorations** 飾 (かざ) りつけ 2 **combinations** 組 (く) み (あ) わせ 3 **benefit** 利益 (りえき) 4 **opportunities** よい機会 (きかい)

**Further Questions& sample answers**

148. **7)-33** What's the water lower in the tank reserved for?  
した ほう みず  
 149. *Tank's water is reserved for the fire in case of a fire.*  
保 (たも) たれる ~の場合 (ばあい) に ~がある  
 150. *It's kept in case there is a fire in the building.*  
有利 (ゆうり) な点 (てん)  
 151. **8)-33** What are the advantages to use water towers?  
きゅうすいとう ちょうしょ 給水塔 の 長所 はなんですか。  
 152. ①-They're energy efficient.  
 153. ②-Because the water is often moving, it does not freeze in the winter.  
 154. ③-The wooden tanks keep the water tasting fresh and delicious.

**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.

156. (30) 1 expensive 2 uneasy 3 good-looking 4 old-fashioned  
 157. (31) 1 reasonable 2 limited 3 unstable 4 private  
 158. (32) 1 gravity 2 knowledge 3 sunshine 4 tradition  
 159. (33) 1 decorations 2 combinations 3 benefit 4 opportunities

**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.

160. (30)  
 161. 1 I cannot buy that bracelet, it is too **expensive**.  
常(つね)に見(み)られること 不安(ふあん)  
 162. 2 Being watched all the time makes me feel very **uneasy**.  
 163. 3 The waitress at the restaurant is very **good-looking**.  
 164. 4 There are many traditional, **old-fashioned** buildings around here.  
 165. (31)  
 166. 1 My teacher 割(わ)り当てる assigns 手頃(てごろ)な only a reasonable amount 量(りょう) of homework, I can usually do it 未満(みまん) under an hour.  
 167. 2 There is a number of people who can speak English around here is very **limited**.  
 168. 3 You should be careful standing on that chair, it is very **unstable**. 不安定(ふあんてい)  
 169. 4 Please don't go into my room, it is **private**.  
 170. (32)  
 171. 1 When we jump, **gravity** 重力(じゅうりょく) will pull us back to the ground.  
 172. 2 I 手(て)に入(い)れる gain a lot of **knowledge** 知識(ちしき) in school.  
 173. 3 We have the most **sunshine** in spring and summer.  
 174. 4 My family has a **tradition** of 過(す)ごしている spending every Christmas together.  
 175. (33)  
 176. 1 We 装(よそお)う put up **decorations** for the Halloween celebration.  
 177. 2 Rules about color **combinations** and patterns indicated ranks. 決(き)まり 色(いろ) 組(く)み合(あ)わせ 模様(もよう) ~を示(しめ)していた 身分(みぶん)  
 178. 3 The **benefit** of taking the bus over the train is that it is faster. 良(よ)い点(てん) 優勢(ゆうせい) になること  
 179. 4 There are many **opportunities** to work with growing businesses in China. 機会(きかい) 発展(はってん) している企業(きぎょう) で

**Answers for "Vocabularies".**

180. (30) 1 expensive 高価(こうか)な 2 uneasy 不安(ふあん)な 3 good-looking 器量(きりょう)のよい 4 old-fashioned 流行(りゅうこう) 遅(おく)れの  
 181. (31) 1 reasonable 筋(すじ)のとあった 2 limited 限(かぎ)られた 3 unstable 不安定(ふあんてい)な 4 private 私的(してき)な  
 182. (32) 1 gravity 重力(じゅうりょく) 2 knowledge 知識(ちしき) 3 sunshine 日光(にっこう) 4 tradition 伝統(でんとう)  
 183. (33) 1 decorations 飾(かざ)りつけ 2 combinations 組(く)み合(あ)わせ 3 benefit 利益(りえき) 4 opportunities よい機会(きかい)

## Review Questions

184. **1)-30** Why is New York <sup>じっくり考 (かんが) えた</sup> considered the first modern city?  
 185. *Because of its <sup>超高層 (ちょうこうそう) ビル</sup> skyscrapers and other tall buildings.*
186. **2)-30** What does every building over six stories have in New York?  
 187. *They have a tower with a wooden tank on the top filled with water.*
188. **3)-31** When were water towers first used?  
 189. *They were first used in the 19<sup>th</sup> <sup>世紀 (せいぎ)</sup> century.*
190. **4)-31** Why didn't New York increase the <sup>強 (つよ) める</sup> pressure <sup>圧力 (あつりょく) ~の</sup> in the water system?  
 191. *When builders tried to increase the water pressure, it led to burst pipes.*
192. **5)-32** How do water towers work?  
 193. *(\*Choose the sentence which includes in the paragraph.)*  
 194. *The wooden tank on the top of the tower is filled with water by a pump and the water then flows down through pipes to each part of the building that needs it.*
195. **6)-32** What happens when the water in the tank drops below a <sup>一定 (いってい) の</sup> certain level?  
 196. *The pump automatically <sup>再 (ふたた) び満 (み) たす</sup> refills the tank.*
197. **7)-33** What's the water lower in the tank reserved for?  
 198. *It's <sup>保 (たも) たれる ~の場合 (ばあい) に ~がある</sup> kept in case there is a fire in the building.*
199. **8)-33** What are the <sup>有利 (ゆうり) な点 (てん)</sup> advantages to use water towers?  
 200. **①**-They're energy efficient.  
 201. **②**-Because the water is often moving, it does not freeze in the winter.  
 202. **③**-The wooden tanks keep the water tasting fresh and delicious.

解答: (30) 4 (31) 2 (32) 1 (33) 3



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