

18-1-2級 筆記問題

D-1 語句問題

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D-2 A Getting Light Right

Electric lights have greatly improved the quality of humans' lives. However, scientists have discovered that artificial lights can cause a variety of health problems. (21), they can prevent people from being able to sleep properly. This happens because many body rhythms, such as the sleep cycle, are controlled by light. When it is too bright at the wrong time, the body thinks it is time to be awake rather than asleep.

Moreover, problems caused by light seem to (22). As a result, issues with sleep occur more frequently in the elderly. To solve this, a group of researchers in Europe have come together to create the ALADIN Project. They have discovered that both the brightness and color of light have an effect on body rhythms. With this knowledge, the researchers have created an indoor lighting system that helps seniors sleep better by changing the light throughout the day to match the body's natural cycle.

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● Question 21

- 1 On average 2 On the other hand
- 3 In return 4 In particular

● Question 22

- 1 depend on the season 2 improve over time
- 3 increase with age 4 cause health issues

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D-3 B The Price of a Song

All around the world people sing the "Happy Birthday" song on people's birthdays. However, for a long time, it was rare to hear the song sung in movies or TV programs. This was because the copyright for the song belonged to a company. If somebody has a copyright for a song, they can charge money when other people use it in their movies or TV programs. In order to reduce their expenses, many directors avoided using the song in their shows.

In reality, though, the complicated history of "Happy Birthday" meant that it is unclear who actually owned the copyright. The music as originally composed in 1893 by Patty and Mildred Hill, two sisters who were teachers. The sisters wrote a greeting song for their students to sing each morning. Sometime later, the words were changed and the song became a birthday song. Nobody knows who wrote the new words, but it was believed that the sisters gave the copyright to a publishing company.

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● Question 30 Why did many directors choose not to use the "Happy Birthday" song?

- 1 It was not popular in many of the countries where movies are watched.
- 2 It cost them money to use it in their movies or TV shows.
- 3 They wanted to use songs that were not used frequently by other directors.
- 4 They thought that people wanted to hear more interesting songs.

D-3 C A Model Tourist Town

Mamallapuram is a small town located on the southeast coast of India. The town was first built in the 7th century and contains many ancient stone temples and other buildings. It is a UNESCO World Heritage Site and attracts many tourists from both inside India and abroad. Although the town has a population of only 15,000, it is visited every day by around 20,000 people. These tourists bring many economic benefits to the town, but they also cause many environmental problems.

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In 2011, the town also banned the use of plastic. Plastic bags, cups, and other items have been replaced by ones made of cloth or paper. These cause less harm to the environment when they are thrown away. The project also employs people to recycle other kinds of waste, such as glass and metal. According to Hand in Hand, the plan has not only solved some of the environmental problems caused by the tourist industry, but it has also resulted in more local people being employed. The NGO hopes that similar plans will be adopted by other towns soon.

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- Question 38 Which of the following statements is true?
 - 1 Some of the food waste in Mamallapuram is made into fertilizer.
 - 2 Mamallapuram was the capital of India in the 7th century.
 - 3 People in Mamallapuram had not used plastic until 2011.
 - 4 People stopped building new restaurants in Mamallapuram in 2008.

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