

# IELTS™

## IELTSKING

Academic Practice Test



Practice Test

**IELTS USA**

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**Reading Passage 3**

You should spend about 20 minutes on Questions 27-40 which are based on Reading Passage 3.

**The History of Bicycle**

The bicycle was not invented by one individual or in one country. It took nearly 100 years and many individuals for the modern bicycle to be born. By the end of those 100 years, bicycles had revolutionized the way people travel from place to place.

Bicycles first appeared in Scotland in the early 1800s, and were called velocipedes. These early bicycles had two wheels, but they had no pedals. The rider sat on a pillow and walked his feet along the ground to move his velocipede forward.

Soon a French inventor added pedals to the front wheel. Instead of walking their vehicles, riders used their feet to run the pedals. However, pedaling was hard because velocipedes were very heavy. The framework was made of solid steel tubes and the wooden wheels were covered with steel. Even so, velocipedes were popular among rich young men, who raced them in Paris parks.

Because of the velocipedes were so hard to ride, no one thought about using them for transportation. People didn't ride velocipedes to the market or to their jobs. Instead, people thought velocipedes were just toys.

Around 1870, American manufacturers saw that velocipedes were very popular overseas. They began building velocipedes, too, but with one difference. They made the frameworks from hollow steel tubes. This alteration made velocipedes much lighter, but riders still had to work hard to pedal just a short distance. In addition, roads were bumpy so steering was difficult. In fact, most riders preferred Indoor tracks where they could rent a velocipede for a small fee and take riding lessons.

Subsequent changes by British engineers altered the wheels to make pedaling more efficient. They saw that when a rider turned the pedals once, the front wheel turned once. If the front wheel was small, the bicycle traveled just a small distance with each turn. They reasoned that if the front wheel were larger, the bicycle would travel a greater distance. So they designed a bicycle with a giant front wheel. They made the rear wheel small. Its primary purpose was to help the rider balance. Balancing was hard because the rider had to sit high above the giant front wheel in order to reach the pedals.

The British altered the design one last time. They made the two wheels equal in size and created a mechanism that uses a chain to turn the rear wheel. With this final change, the modern bicycle was born.

Subsequent improvements, such as brakes, rubber tires, and lights were added to make bicycles more comfortable to ride. By 1900, bicycle riding had become very popular with men and women of all ages. Bicycles revolutionized the way people worldwide ride bicycles for transportation, enjoyment, sport, and exercise.

### Questions 28-33

Complete the sentences below. Choose **NO MORE THAN THREE WORDS** from the passage for each answer.

In the invention of the bicycle took part not only one individual or the country, but the world in general during the (28) ....., years. This invention was firstly found in Scotland in the first decades of 1800, and was known as velocipedes. They were not resembled to today's bicycles and had two wheels, but they had no (29) ..... The rider sat on a pillow and walked his feet along the ground in order to move his velocipede forward. Soon, a French inventor added pedals to the front wheel. However, because of their difficulty in riding, nobody used them in a daily life, and they were accepted as (30) ..... Around 1870, manufacturers in America found that this invention is popular (31) ..... but within the difference: frameworks were made from (32) ....., what makes them much lighter. Soon, the British inventors found the method which can make pedaling more efficient to turn pedals one by one. They designed a bicycle with a giant front wheel. However, as the rider had to sit high above the giant front wheel it was too difficult to keep the balance. The safer bicycle was invented by Americans. They designed the rear (33) ....., which minimized the danger of falling and injuring. At last, the British changed the design one last time and added two wheels equal in size and the mechanism that induce a chain to turn the rear wheel. By this there was invented the example of the modern bicycle.

### Questions 34-37

Do the following statements agree with the information given in Reading Passage 3?

**YES** If the statement agrees with the information

**No** If the statement contradicts the information

**NOT GIVEN** IF there is no information on this

- 34. The bicycle was invented by Americans only
- 35. It was too hard to lead the velocipedes due to their heaviness
- 36. The alteration of velocipedes made the life of people much more easy
- 37. The changes by British inventors altered the wheels to make pedaling more efficient

**Questions 38-40**

**Match the information below.**

**Complete the correct letter from, A-D.**

**A** Rear wheel

**B** Size

**C** Axle

**D** Chain

**E** Foot levers

- 38. The British inventors concluded that if the front wheel were large in, the bicycle would travel comparatively long distance.
- 39. American engineers designed a system of which was
- 40. The last, but not least alteration in creating of the modern bicycle was a making the two wheels equal in size and using the to spin the rear wheel.