



Thomas Edison was born on 11 February 1847, grew up in Port Huron, Michigan. He was the seventh and last child of Samuel Ogden Edison, Jr. (1804–96, born in Marshalltown, Nova Scotia, Canada) and Nancy Matthews Elliott (1810–1871, born in Chenango County, New York). He was born in Milan, Ohio and he was always an **inquisitive** boy. By the time he was 10 he had set up a small chemical laboratory in his house after his mother had shown him a science book. He soon became fascinated with electrical currents and it remained the main interest of his life.

He was one of the outstanding geniuses of technology and he obtained patents for more than one thousand inventions including the electric light bulb, the record player and an early type of film projector. He also created the world's first industrial research laboratory. In 1869, he borrowed a small amount of money and became a freelance inventor. On December 25, 1871, Edison married 16-year-old Mary Stilwell (1855–1884), whom he had met two months earlier; she was an employee at one of his shops. They had three children. Mary Edison died at age 29 on August 9, 1884, of unknown causes: possibly from a brain tumor or a morphine overdose.

In the same summer, there was a crisis in the New York financial district called Wall Street when the new telegraphic gold-price indicator broke down. Edison was called in to repair it and he did it so well that he was given a job as supervisor with the Western Union Telegraph Company. They later **commissioned** him to improve the Wall Street stock ticker that was just coming into use. He did so and produced the Edison Universal Stock Printer, which immediately brought him a fortune of \$40,000. With this money, he set up as a manufacturer in order to produce electrical machines.

In 1876 he built a new laboratory so that he could spend all his time inventing. He planned to turn out minor inventions every ten days and a 'big trick' every six months. Before long he had 40 different inventions going at the same time and was applying for as many as 400 patents a year. The following year, Edison moved to New Jersey in order to build the Edison Laboratory (now a national monument) which was 10 times bigger than his first laboratory. In time it was surrounded by factories employing 5,000 people and producing many new products. Edison died on 18 October, 1931 having had a remarkably productive life.

- Choose the best answer from a, b, c or d :

1- Edison created the world's first industrial research
a)factory b)school c)university d)laboratory

2-Edison lived a quiet long life of.....years.
a) 74 b) 85 c) 84 d)94

3- Edison moved to to build his huge laboratory.
a) New York b) Atlanta c) New Jersey d)Ohio

4- the word "**inquisitive**" paragraph one means.....
a) eager to know b) naughty c) nervous d) selfish

5- He was given a job aswith the Western Union Telegraph Company.
a) labor b) supervisor c) director d) inventor

6- Edison became a freelance inventor in
a) 1895 b) 1847 c) 1869 d)1976

7- The word "**commissioned**" paragraph three is classified as
a) noun b) adjective c) adverb d) verb

8- Edison's Laboratory is now
a) improved b) a national monument
c) demolished d) still working

9- He was applying for as many as patents every year.
a) 400 b) 40 c) 40,000 d) 5,000

10- Mary Stilwell lived foryears .
a) 28 b) 38 c) 29 d) 39

Reading 1

Read the short texts. For each text (1 - 4), choose **ONE** title (A - F).

There is one **title / Heading** you do not need. There is one **EXAMPLE**.

- A** Cargo
- B** Infrastructure
- C** Celebrate
- D** Traditional
- E** Community
- F** Contemporary

EXAMPLE: ____ B ____

Every country, region or organisation needs some basic equipment, structure and facilities in order to function effectively. For example, roads, bridges and power supplies, and that is what this word means.

Text 1 ____

This is a group of people who live in the same area. For example, a city, town or neighborhood. Alternatively, a group of people who have the same interests, such as religion.

Text 2 ____

People do this when there is a special or important event, occasion or holiday. This can be done in many different forms all over the world. For example, at a party, by having dinner or through festivals.

Text 3 ____

Ships, airplanes and other vehicles transport this to different places. It is then unloaded to vehicles and delivered where it needs to be. Moving this is an important part of trading, nationally and internationally.

Text 4 ____

This is a way of thinking, behaving or doing something that has been used by people in a group or society for a long time. For example, a way of eating or style of offering guests tea, coffee or food.

/ 4

Part 2

Read the text and answer the questions.

For each question (5 – 8), choose the correct answer **A**, **B** or **C**.

UAE Trade and Infrastructure Developments

In the early 1900s, Dubai was declared a free port. This improved trade significantly. In fact, by the 1870s, Dubai had already been identified as the main port on the Gulf coast. However, despite this, until the 1970s, little thought had been given to transport infrastructure.

Before the government decided to expand ports in the UAE, such as Jebel Ali, in 1976 and 1979, trading was still limited and infrastructure caused significant problems. Historically, traders had transported cargo from ships by donkey carts, which was a slow and difficult process. Some traders, of course, were fortunate enough to have access to pickup trucks.

The UAE government initially built single lane roads, but this did not meet increasing demands. Later, two-lane highways significantly helped the problem. Today, however, the UAE has an amazing network of communication highways, not only connecting each Emirate, but also connecting the UAE with other regions.

Nonetheless, there is always room for improvement. In fact, it is hard to imagine, but a train will run through the Emirates in the very near future. This will have a great impact on the UAE and its businesses in the Middle Eastern region.

5. What does the writer say about transport infrastructure in the UAE?
- A Trading greatly improved after the 1900s.
 - B All infrastructure was planned before the 1970s.
 - C Dubai was the only port on the Gulf coast in 1870.
6. What does the writer say about trade in the UAE?
- A Trading was most improved by pick-up trucks.
 - B Donkeys were an effective form of transportation.
 - C Trading was difficult before the ports were developed.
7. Highways in the Emirates_____.
- A are still being built today
 - B offer connections to all Emirates
 - C do not meet the demands required
8. The writer believes that_____.
- A improvements still need to be made
 - B train infrastructure will be difficult to develop
 - C businesses will support the development of train travel

Part 3

Read the text and answer the questions.

For each question (9 – 10), choose the correct answer *according to the text*. **True**, **False** or **Not given**.

Celebrating Arab Culture

The Al Janadriyah festival started in 1985 and takes place every year around February or March for two weeks. It was started as a way for everyone to come together to celebrate Arab traditions and preserve them in this rapidly changing world. It is very important we do this because I am sure no one wants to see them disappear.

We open the festival with a camel race each year, and you can also see horse races and displays of falconry. Furthermore, we have many handicraft artisans who come to the festival. We like to think that the festival is a kind of 'cultural village' where you can come and see these traditional crafts.

These things are significant to our cultural history and identity, and it is important to us that we celebrate them so that we do not lose our cultural identity. Festivals, in my opinion, are a great way to protect them.

9. The festival celebrates cultural traditions from every country.

True

False

Not given

10. Traditional handicrafts can be seen being made at the festival.

True

False

Not given