

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Teacher: Karla Patricia Mejia

Level: AB1

**General instruction:** Read the instructions before solving the exercises.

**1. Reading (30%)**

**1.1 Read the article and check (✓) A, B, or C.**

When she was 17 years old, Jessica Matthews went to her uncle's wedding in Nigeria. As a Nigerian American, Jessica visited every summer to see her cousins and other family members. She was not surprised when there was a power cut, or "blackout," because the electricity usually went off at least once a day. She was not surprised when the family used kerosene lamps (which are smelly and unhealthy) so that the wedding could continue. But Jessica was upset by her cousins' reaction. "Don't worry about the lamps," they said. "You'll get used to them."

Jessica didn't understand why her cousins accepted the situation as normal. In contrast, the children around her in Nigeria thought anything was possible when it came to soccer. They wanted to play like Pelé, like Ronaldo — and they believed this dream would come true. Jessica wished they could play *and* have the opportunity to change their society.

Two years after the wedding, Jessica had the idea for an invention during a science class in college. She combined the problem of blackouts with the solution of soccer: she wanted to build a soccer ball that created energy. But was it really possible? Since that class in 2008, she's been working hard to find out.

In 2011, Jessica started a company called Uncharted Play. It took several years to develop her soccer ball, and people in the sports industry said it would never work. But after many different designs, the finished soccer ball — called a Soccket ball — works perfectly. It is only one ounce heavier than a normal ball, but inside it contains special technology. The movement of the soccer ball creates energy. After 30 minutes of play, the ball can power a small lamp for three hours. In fact, every ball comes with a free lamp, too! Uncharted Play also developed a jump rope that uses the same technology.

Jessica still sells the Soccket ball, but her business has developed and grown. Recently, the company has changed its name to Uncharted Power. In the company's New York office, Jessica has invented new products using the same idea of energy from movement. The technology from the Soccket ball has been added to wheels for shopping carts, bicycles, and skateboards. And a new product allows energy to be created by walking or running on a special floor. Jessica hopes this will be used in homes and businesses.

Jessica's inventions tackle a huge problem. In 2017, the World Bank reported that countries in sub-Saharan Africa lose 2.1% of their income each year through power cuts. And one in three people in the region regularly have no access to electricity. Jessica imagines a new kind of city where people create energy simply by doing their normal activities. She has been visiting schools to discuss these ideas with the next generation of inventors. What will they imagine?

Example: Jessica visited \_\_\_\_\_ every summer.

A America  B her extended family  C her uncle

- 1 \_\_\_\_\_ is one name for a period of time when electricity stops working.  
A A lights out  B A power stop  C A blackout
- 2 Jessica was sad because her cousins thought the kerosene lamps were \_\_\_\_\_.  
A unhealthy  B good enough  C dangerous
- 3 She wanted people to be as \_\_\_\_\_ as the children dreaming about soccer.  
A happy  B positive  C free
- 4 Jessica had the idea for an invention \_\_\_\_\_.  
A in college  B in Nigeria  C when she was 19
- 5 The first design for the Soccket ball \_\_\_\_\_.  
A needed more work  B was a huge success  C broke after 30 minutes
- 6 The Soccket ball weighs \_\_\_\_\_ a normal soccer ball.  
A less than  B more than  C the same as
- 7 People who buy the Soccket ball also receive a \_\_\_\_\_.  
A lamp  B jump rope  C book
- 8 Since the success of the Soccket ball, Jessica's company has \_\_\_\_\_.  
A moved office  B changed names  C developed a new idea
- 9 One new product creates power using the \_\_\_\_\_ of vehicles.  
A wheels  B motors  lights
- 10 Jessica wants to change how people \_\_\_\_\_ live in the future.  
A in Africa  B without electricity  C in cities

10

**1.2 Read the article again. Mark the sentences *T* (true) or *F* (false).**

Example: Jessica Matthews is Nigerian and American.   *T*  

- 1 The wedding guests were surprised by the power cut. \_\_\_\_\_
- 2 The idea for Jessica's invention came from her experiences in Nigeria. \_\_\_\_\_
- 3 Jessica has been working on the Soccket ball for years. \_\_\_\_\_
- 4 In New York, Jessica has stopped inventing new products. \_\_\_\_\_
- 5 According to a study, sub-Saharan countries lose about a quarter of their income through power cuts. \_\_\_\_\_

## 2. Listening (20%)

**Listen to five conversations. Check (✓) A, B, or C.**

- 1 What did Daniella's friend do with the table?  
A He sold it right away.  B He sold it on eBay.   
C He donated it to a charity.

2 Why is Lauren selling the shoes?

- A She's practicing selling online.  B She doesn't need office shoes anymore.   
C She wants to earn money for a new guitar.

3 What work does Rob do for the charity?

- A He looks after children in the evenings.   
B He raises money for children's sports equipment.   
C He volunteers in the charity's office.

4 Where did Carlotta find her wallet?

- A In the café.  B She hasn't found it yet.  C In the clothing store.

5 Why did Patrick transfer the money?

- A To unlock his computer files.  B He thought he was helping a friend.   
C The message looked official.

### 3. Grammar (20%)

#### 3.1 Underline the correct word or phrase.

Example: You've been working / worked hard for months – you need a vacation.

- 1 How long *have you been saving up* / *do you save up* for a new bike?
- 2 He's *studying* / *been studying* Korean for three years now.
- 3 I've *been planning* / *planned* my visit to the Amazon for years.
- 4 She's *known* / *been knowing* him for years.
- 5 Don't worry. I haven't *been crying* / *cried* – I have a cold.
- 6 He's *disliked* / *been disliking* tomatoes since he was a child.
- 7 I've *had* / *been having* the same bank account since I was a student.

#### 3.2 Complete the time expressions with *for* or *since*.

Example: for many years

- 1 \_\_\_ 2003
- 2 \_\_\_ we met at school
- 3 \_\_\_ a very long time
- 4 \_\_\_ the class began
- 5 \_\_\_ a couple of months
- 6 \_\_\_ Tuesday

## 4. Vocabulary (30%)

### 4.1 Write the family word(s).

Example: a mother or father *parent*

- 1 someone with no brothers or sisters \_\_\_\_\_
- 2 your brothers and sisters \_\_\_\_\_
- 3 your husband's / wife's brother \_\_\_\_\_
- 4 your father's new wife \_\_\_\_\_
- 5 your sister who has only one parent the same as you \_\_\_\_\_
- 6 your grandfather's / grandmother's mother \_\_\_\_\_
- 7 everybody in your family \_\_\_\_\_

### 4.2 Complete the sentences with the correct word.

Example: Jim's really *shy*. He hates meeting new people.  
shy sensitive extroverted

- 1 Sergio is so \_\_\_\_\_ for his age! He seems much older than 14.  
competitive sensitive mature
- 2 Vicky can seem like a different person on different days – she's very \_\_\_\_\_.  
sensible moody mean
- 3 You should think about how other people feel instead of being so \_\_\_\_\_!  
spoiled independent selfish
- 4 I'm very \_\_\_\_\_ when I play sports. I always want to win.  
bossy competitive reliable
- 5 Natalia was very \_\_\_\_\_ tonight. Do you think she's OK?  
talkative self-confident quiet
- 6 She's very \_\_\_\_\_. She has lots of friends and enjoys crowds and parties.  
ambitious spoiled sociable
- 7 Juan is always trying to pay for everything. He's very \_\_\_\_\_.  
generous honest sensitive