



**First year  
Agriculture Engineering  
Make Up Exam**

**Subject: English  
Year: 2016-2017  
Time: 2 hours  
Pages: 2**

**Part I: Reading comprehension (30 Marks)**

**Read the following passage and then answer the questions below:**

Living things have certain adaptations that allow them to survive in a specific environment. An organism adapts to conditions in the environment when it develops a behavior that makes survival more likely, or has a physical characteristic or body part that helps it survive.

In a forest biome, some trees grow taller than the other plants around them so that they can reach the sunlight. For the trees, growing taller is an adaptation that helps them survive. Shorter plants have adapted with their behavior, having learned to live in the shade with less sunlight. Animals in the forest have a wide variety of adaptations. Monkeys have long tails that they can use almost like another hand. This helps **them** swing quickly through the tops of trees, often while holding their babies or gathering food. Giraffes need to reach leaves at the top of tall trees, so having a long neck is an adaptation that allows them to do this. Some animals' adaptations prevent other animals from wanting to eat them. A skunk's horrible smell makes larger animals choose something else to eat

**Answer the following questions:**

1. How does an organism adapt to conditions in the environment?
2. Why do some trees grow taller than the other plants around them?
3. How have shorter plants adapted with their behavior?
4. Monkeys' long tail is a form of adaptation. Explain.
5. Why do giraffes need a long neck?

**Choose the correct answer:**

6. An organism adapts to conditions in the environment when it develops a behavior that makes survival more likely. The underlined word means:  
A. control                      B. conduct                      C. power                      D. possession
7. An organism adapts to conditions in the environment when it has a physical characteristic that helps it survive. The underlined word is closest in meaning to:  
A. mechanism                      B. personality                      C. feature                      D. strength
8. A skunk's horrible smell is an example of .....
9. Living things have certain adaptations that allow them to survive in a specific environment. The underlined word means:  
A. live                      B. die                      C. extinct                      D. surrender
10. The underlined pronoun "**them**" in the second paragraph (line 7) refers to:  
A. monkeys                      B. hands                      C. babies                      D. trees

**Part II: Text Book (30Marks)**

**Answer the following questions:**

1. What are the three forms that matter can take?
2. What is the purpose of the periodic table?
3. How many different elements do we know about?
4. Mention one difference between a solid and a liquid.
5. Which is larger, an atom or an element?

**Choose the correct answer:**

6. Energy of motion is also called ..... energy.  
A. light                      B. thermal                      C. kinetic                      D. electrical
7. Stored energy can be ..... energy stored in a battery.  
A. kinetic                      B. chemical                      C. physical                      D. atomic

8. Oxygen and carbon are examples of .....
- A. elements                      B. atoms                      C. molecules                      D. materials
9. The tiny particles are closer together in a .....
- A. solid                      B. liquid                      C. gas                      D. water
10. Scientists group matter based on its properties or characteristics. The underlined word means:
- A. possessions                      B. estates                      C. qualities                      D. goods

### **Part III: Grammar and Structure (30Marks)**

#### **Choose the correct answer:**

1. The class is ..... loud today.
- A. terrible                      B. terribly                      C. more terrible                      D. most terrible
2. Last holiday I read a good book, but father gave me an even ..... one last weekend.
- A. good                      B. better                      C. best                      D. well
3. There are only ..... days left before the new term begins.
- A. two                      B. too                      C. to                      D. toe
4. Have the children all have ..... dinner?
- A. there                      B. their                      C. they're                      D. them
5. I arrived in ..... USA last Monday.
- A. the                      B. a                      C. an                      D. no article

#### **Do as shown in brackets:**

6. The police didn't find the robber last week. (Change into passive)
7. The grapes are grown in California. (Begin with "Farmers")
8. understand – you – Do – the – question? (Rearrange to make a question)
9. Have you been to London? (Use "ever" in the correct position)
10. Water (boil) at 100 C°. (Correct the verb)

### **Part IV: Translation (10 Marks)**

#### **A- Translate into Arabic:**

Cutting off trees in cities is an ill deed. Trees give us shade in summer and the green color makes us feel at ease. Trees also purify the air and they give off oxygen by day. That's why we should do our best to spread the green color all over our country.

#### **B- Translate into English:**

على كل فرد في مجتمعنا ان يشارك في تحمل المسؤولية للتغلب على مشاكلنا الاجتماعية والاقتصادية والبيئية.

**Good Luck**



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Model Answer

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## **Part I: Reading comprehension (30 Marks)**

### **Read the following passage and then answer the questions below:**

Living things have certain adaptations that allow them to survive in a specific environment. An organism adapts to conditions in the environment when it develops a behavior that makes survival more likely, or has a physical characteristic or body part that helps it survive.

In a forest biome, some trees grow taller than the other plants around them so that they can reach the sunlight. For the trees, growing taller is an adaptation that helps them survive. Shorter plants have adapted with their behavior, having learned to live in the shade with less sunlight. Animals in the forest have a wide variety of adaptations. Monkeys have long tails that they can use almost like another hand. This helps **them** swing quickly through the tops of trees, often while holding their babies or gathering food. Giraffes need to reach leaves at the top of tall trees, so having a long neck is an adaptation that allows them to do this. Some animals' adaptations prevent other animals from wanting to eat them. A skunk's horrible smell makes larger animals choose something else to eat

### **Answer the following questions:**

1. An organism adapts to conditions in the environment when it develops a behavior that makes survival more likely, or has a physical characteristic or body part that helps it survive.
2. Some trees grow taller than the other plants around them so that they can reach the sunlight.
3. Shorter plants have adapted with their behavior by learning to live in the shade with less sunlight.
4. Monkeys have long tails that they can use almost like another hand. This helps them swing quickly through the tops of trees, often while holding their babies or gathering food.
5. Giraffes need to reach leaves at the top of tall trees

### **Choose the correct answer:**

6. B. conduct
7. C. feature
8. D. adaptation
9. A. live
10. A. monkeys

## **Part II: Text Book (30Marks)**

### **Answer the following questions:**

1. The three forms that matter can take are: solid, liquid and gas.
2. The periodic table provides information about the elements' atoms and properties.
3. There are more than 100 different elements that we know about today.
4. Solids have definite shapes but liquids take the shape of the container they are put in.
5. An element is larger than an atom.

### **Choose the correct answer:**

6. C. kinetic
7. B. chemical
8. A. elements
9. A. solid
10. C. qualities

### Part III: Grammar and Structure (30Marks)

#### Choose the correct answer:

1. B. terribly
2. B. better
3. A. two
4. B. their
5. A. the

#### Do as shown in brackets:

6. The robber was not found last week.
7. Farmers grow grapes in California.
8. Do you understand the question?
9. Have you **ever** been to London?
10. Water **boils** at 100 C° .

### Part IV: Translation (10 Marks)

#### A- Translate into Arabic:

ان قطع الاشجار فى المدن فعل سىء، فالاشجار تعطينا الظل فى الصيف، واللون الاخضر يجعلنا نشعر بالارتياح، والاشجار ايضا تنقى الهواء باخراج الاكسجين نهارا، ولهذا السبب يجب ان نبذل قصارى جهدنا لنشر اللون الاخضر فى كل مكان فى وطننا.

#### B- Translate into English:

Everyone in our country should take part in taking responsibility to overcome our social, economic and environmental problems.