

(1) The growing international trend in organic farming is driven by consumer demand, which is currently rising at the rate of 20 percent per year. People all over the world are becoming increasingly conscious of the adverse effects of industrial agriculture and view organically grown food as a healthier alternative. While the majority tends to be sympathetic to small-scale farmers and especially appreciate the benefits of locally grown food, they take exception to factory farms controlled by multinational corporations. In particular, they object to the corporate focus on maximizing profits at the expense of health and environmental concerns.

(2) Health risks include pesticide residues, antibiotics, and hormones as well as the unknown impact of biological engineering. First, recent studies indicate that many produce items are heavily coated with pesticides even after washing and peeling. What's more, these pesticides have been linked with cancer. Second, the antibiotics we ingest from both plant and animal sources lead to the development of super bugs, which are increasingly difficult to combat. Third, the unregulated use of genetically modified organisms makes these items virtually invisible in today's grocery stores. People have no way of knowing whether a product has had its genetic code tampered with by artificial means. Furthermore, they have no idea how this genetic manipulation could impact their health.



(3) According to authorities, water pollution is one of the most serious problems arising from conventional farming methods. Animal waste, artificial fertilizers and pesticides leach into the soil. Then they run off through natural irrigation to contaminate ground water, which accounts for a large portion of our water supply. Studies consistently show that nitrates from waste and fertilizers, and chemicals from fertilizers, and chemicals from pesticides, are creating permanent damage to groundwater around the world. Furthermore, the preponderance of nitrogen in fertilizers, which helps crops grow, ends up harming oceans. It generates algal overgrowth that depletes so much oxygen in the water that no plant or animal can survive.

(4) Industrial mono-cropping (in which one crop is repeatedly planted on a single field with synthetic fertilizers) kills the microorganisms needed to produce soil nutrients. Accordingly, the soil becomes less fertile over time, which leads to erosion, unsustainable farmlands, and reduced biodiversity. Because of the infertility of the soil, farmers then have to use even more fertilizers to maintain productivity. This leads to a vicious cycle whereby greater environmental hazards are created, and the soil degrades even further. Likewise with pesticides, whereby only the fittest pests survive, farmers are forced to use greater amounts or more toxic forms to eradicate them.

(5) Organic farming, on the other hand, prohibits or strictly limits the use of synthetic fertilizers and pesticides, hormones, antibiotics, and genetically modified organisms, thus avoiding or greatly reducing all of the issues involved in industrial agriculture. It infuses the soil with more essential nutrients as a result of holistic farming techniques. This varies the nutrient demands placed on the soil and ensures its sustainability and overall quality. C-Organic agriculture also takes the welfare of farm animals into greater consideration. D-Confining livestock in small indoor spaces is far less common especially on small-scale organic farms, and pumping them with antibiotics is never done. On free-range farms, animals are allowed to roam freely, thereby reducing stress and their susceptibility to disease.

**I-COMPREHENSION**

**(15 POINTS)**

**Base your answers on the text**

**A-Tick the right answer.**

**1pt**

The text is about

- a-the good effects of bioengineering
- b-the hazards of industrial agriculture
- c-the benefits of fertilizers

**B-Read the text and answer these questions**

**3pts**

1-What do most people think about industrial agriculture?.....

.....

2-According to the text ,what is the problem with genetically modified foods? Explain.....

.....

3-List some of the advantages organic agriculture has : .....

.....

**C-Are these statements true or false? Justify.**

**3pts**

1-Washing and peeling are thought to rid many produce items of pesticides .....

.....

2-The use of conventional farming methods causes water pollution.....

.....

3-Health risks, like fertilizers and pesticides, are broadly used in organic farming.....

.....

**D-Complete the sentences with information from the text.**

**2pts**

1-The preponderant use of nitrogen in fertilizers harms oceans although.....

.....

2-The infertility of the soil leads farmers .....

.....

**E-Find in the text words or phrases that almost means the same as**

**3pts**

1-aware (parag1).....2-swallow (parag2).....3-for this reason(parag4).....

**F-What do the underlined words in the text refer?**

**3pts**

1-they (parag2).....3- them(parag4).....3-their(parag5).....

**II-LANGUAGE**

**(15 POINTS)**

**A-Complete these sentences with the right word from the list**

**2pts**

**Racism      child abuse      corruption      child labour**

1-Fighting.....is one of the major missions Transparency International has.

2-Although the government has passed laws forbidding .....,the number of working children in Morocco is still on the increase.

**B-Join the pairs of sentences using the words in brackets.**

**3pts**

1-The foot-ball players did not play well. Nevertheless, they defeated their opponents. (despite)

.....

2-Ahmed worked hard .That’s why, he passed his exams. (thanks to)

.....

3-Indian movies are long and boring. They also lack interesting themes. (along with)

.....

**C-Put the words in brackets in the right form.**

**3pts**

1-To keep in shape ,(weight).....people are advised to diet and exercise.

2-It is not (advise).....to drive fast in popular areas where speed is very limited.

3-Charities are built to provide homeless children with family life and human (warm).....

**D-Rewrite the sentences starting with the words given .**

**2pts**

1-Right now ,the mother is feeding her little daughter.

Right now ,the little daughter .....

2-“your son must make tremendous efforts if he wants to catch up with his peers”

The principal told the father.....

**E-Fill in the blanks with the right phrasal verb**

**3pts**

**put out      turned out      bumped into      made up      came up      came into**

1-The student .....an excuse to justify his long absence from school.

2-Last Sunday, I.....an old friend of mine I had not seen for ages.

3-The forest caught a terrible fire as the campers had not .....the campfire.

**F-What would you say in these situations?**

**2pts**

1-You damaged the laptop your friend lent you.

(Express your apology and give a reason) .....

2-Your classmate did not return the dictionary he/she borrowed from you

You:(Express your complaint).....



## Key and marking scale

### I-COMPREHENSION

Base your answers on the text

**A-Tick the right answer.**

The text is about

a-the good effects of bioengineering      b-the hazards of industrial agriculture      c-the benefits of fertilizers

**B-Read the text and answer these questions**

1-What do most people think about industrial agriculture? It maximizes profits at the expenses of health and environment      (paragraph 1)

2-According to the text ,what is the problem with genetically modified foods? Genetically modified organisms makes the items.....by artificial means.      (paragraph 2)

3-List some of the advantages organic agriculture has.organic agriculture ensures the sustainability of the soil.....with antibiotics never done.      (paragraph5)

**C-Are these statements true or false? Justify.**

1-Washing and peeling are thought to rid many produce items of pesticides. / FALSE "First,recent studies indicate that many produce items are heavily coated with pesticides even after washing and peeling"(paragraph2)

2-The use of conventional farming methods causes water pollution/TRUE "It generates algal overgrowth that depletes so much oxygen in .....can survive".(paragraph 3)

3-Health risks, like fertilizers and pesticides, are boadly used in organic farming./ FALSE"Organic farming,on the other hand,.....modified organisms".( paragraph5)

**D-Complete the sentences with information from the text.**

1-The preponderant use of nitrogen in fertilizers harms oceans although it helps crops grow.(paragraph3)

2-The infertility of the soil leads farmers to usef more fertilizers to maintain productivity.(praragraph 4)

**E-Find in the text words or phrases that almost means the same as**

1-aware:conscious (parag1)      2-swallow:ingest(parag2)      3-accordingly: for this reason (parag3)

**F-What do the underlined words in the text refer?**

1-they (paragraph2):people      2-them(parag4):the fittest pets      3-their(paragraph5): animals

## II-LANGUAGE

### A-Complete these sentences with the right word from the list

racism      child abuse      corruption      child labour

- 1-Fighting CORRUPTION is one of the major missions Transparency International has.
- 2-Although the government has passed laws forbidding CHILD LABOUR ,the number of working children in Morocco is still on the increase.

### B-Join the pairs of sentences using the words in brackets.

- 1-Despite not playing well,the football players defeated their opponents./Despite the fact that the football players did not play well,they defeated.....
- 2-Ahmed passed his exams thanks to his hard work.
- 3-Along with lacking interesting themes,Indian movies are long and boring.

### C-Put the words in brackets in the right form.

- 1-To keep in shape ,OVERWEIGHTpeople are advised to diet and exercise.
- 2-It is not ADVISABLE to drive fast in popular areas where speed is very limited.
- 3-Charities are built to provide homeless children with family life and human WARMTH.

### D-Rewrite the sentences starting with the words given .

- 1-Right now ,the little daughter is being fed by his mother.
- 2-The principal told the father that his son had to make tremendous efforts if he wanted to.....

### E-Fill in the blanks with the right phrasal verb

- 1-The student MADE UP an excuse to justify his long absence from school .
- 2-Last sunday,I BUMPED INTO an old friend of mine I had not seen for ages
- 3-The forest caught a terrible fire as the campers had not PUT OUT the campfire.

### F-What would you say in these situations?

- 1-You damaged the laptop your friend lent you.

(Express your apology and give a reason) .....

- 2-Your classmate did not return the dictionary he/she borrowed from you

You:(Express your complaint ).....