EXERCISES

Exercise A

1. Look at the pictures in the *Warm-Up* lesson. Then complete the sentences with the correct words.

a. bird	**b**. flower	**c**. harmful	**d**. insects	**e**. land	**f**. may
g. viruses	**h**. people	**i**. pollen	**j**. should	**k**. spread	**l**. mosquito

1. Some _____ are _____ through the air when people sneeze or cough.

2. The bee is taking _____ from the _____ of a plant.

3. The bird eats _____ that _____ on the elephant's back.

4. If a _____ is carrying malaria, people _____ get infected with the disease.

5. People _____ learn to protect themselves from _____ insect bites.

2. Connect the two parts of each sentence.

1. The man is wearing a mask	__g__	**a**. to reduce the number of mosquitoes**.**
2. If he doesn't wear a mask,	_____	**b**. to spread their pollen.
3. Wearing a mask	_____	**c.** depend on bees for survival.
4. Due to international travel,	_____	**d**. can help stop the virus.
5. Some plants depend on the wind	_____	**e**. our lives would be very different**.**
6. Bees depend on plant pollen	_____	**f**. viruses can spread worldwide.
7. Without plants and bees,	_____	~~**g**. because he is ill.~~
8. Many flowers, fruits, and vegetables	_____	**h.** he could spread his illness to other people.
9. This bird is using the elephant	_____	**i**. to help it find food.
10. Sometimes chemicals are used	_____	**j.** because it is their main source of food.

EXERCISES

Exercise B

1. Listen to the first part of the *Dialog* in School Life then fill in the missing words.

Michael: Hey Tina! (a) _____ finished your science project?

Tina: No, (b) _____. Have you?

Michael: Almost. (c)_____ still (d) _____ make some graphs and

print (e)_____ out.

Tina: (f) _____ your project?

Michael: (g) _____ warming and carbon gases.

Tina: Oh! That sounds interesting.

Michael: Yeah. (h) _____ learned a lot. But it's a bit scary because (i) _____

_____ worse. The (j) _____ is really heating up.

Tina: Yeah, I know.

2. Listen to the second part of the *Dialog* in School Life then fill in the correct letter for the missing words.

a. about	**b**. are	**c**. can	**d**. data	**e**. whether	**f**. if
g. how	**h**. on	**i**. why	**j**. you	**k**. you're	**l**. your

Michael: (1) _____don't you focus on nuclear energy? People (2) _____ really divided on
 (3) _____ or not we need more nuclear power plants. There are good arguments (4) _____
 both sides.

Tina: Yeah, right. But I'm also thinking (5) _____the importance of conservation. That's
something we (6) _____ all do right now.

Michael: Good point. Let me read (7) _____ paper when (8) _____ finished, okay?

(9) _____you need any (10) _____about fossil fuels and carbon gases, let me know.

EXERCISES

Exercise C

1. Listen to the *Dialog*. Write down the words that Michael or Tina says.

Example: Michael says that he still has got to make some graphs.

Michael: ***I've still got to make some graphs.***

1. Michael asks Tina if she has finished her science project.

   Michael: _____.

2. Michael says that he has learned a lot.

   Michael: _____.

3. Tina says that her project is about energy sources.

   Tina: _____.

4. Michael suggests that Tina focus on nuclear energy.

   Michael: Why don't _____?

5. Michael asks Tina to let him read her paper when she's finished.

   Michael: _____.

2. Put the words into the correct order.

Example: /is/ /Michael's/ /about/ /project/ /what/?

*** What is Michael's project about?***

1. /are/ /projects/ /kind/ /working/ /what/ /of/ /on/ /they/?

   _____

2. /learned/ /has/ /Michael/ /what/ /Earth/ /about/ /the/?

   _____

3. /done/ /Michael/ /what/ /yet/ /hasn't/?

   _____

4. /Michael/ /does/ /Tina/ /suggest/ /to/ /what/?

   _____

5. /offer/ /help/ /does/ /how/ /Tina/ /with/ /project/ /Michael/ /her/ /to/?

   _____

EXERCISES

Exercise D

1. Listen to the *Cells* then fill in the correct letter for missing words and phrases.

a. carry out	**b**. chemical	**c**. convert	**d**. elements	**e**. energy	**f**. made
g. maintain	**h**. nucleus	**i**. organism	**j**. reactions	**k**. structure	**l**. surrounded

1. A cell can _____ the processes needed to _____ life.

2. Cells carry out chemical _____ to gather and use _____.

3. Structures inside a plant cell _____ the Sun's energy into _____energy.

4. Cells are _____ from only a small number of _____.

5. All cells are _____ by a _____ called the cell membrane.

2. Listen to *Photosynthesis* then fill in the correct letter for missing words.

a. convert	**b**. converting	**c**. depends	**d**. providing	**e**. level	**f**. photosynthesis
g. living	**h**. processes	**i**. provides	**j**. required	**k**. is	**l**. source

1. Photosynthesis _____the energy that is needed to carry on the chemical reactions in _____ cells.

2. The process of _____ light energy into chemical energy is called _____.

3. Nearly all life _____ on photosynthesis as their _____of energy.

4. Energy is _____ for all life's _____.

5. In addition to _____energy for life, photosynthesis helps to maintain the normal _____ of oxygen in the atmosphere.

EXERCISES

Exercise E

1. Listen to *Mitosis* then fill in the correct letter for missing words and phrases.

a. chromosome	**b**. chromosomes	**c**. copied	**d**. copy	**e**. divide	**f**. genes
g. organized	**h**. reproduce	**i**. genetic	**j**. must	**k**. should	**l**. used for

1. DNA contains the _____ code that _____ for reproduction and all cellular activities.

2. DNA is _____ into chromosomes, and these _____ are organized into _____.

3. For cells to _____ the chromosomes must be_____ and the cell _____divide.

4. Before a cell can _____ the DNA inside the nucleus must_____ itself.

2. Write the correct form of the word (noun or adjective) into the chart.

   *Example: environment   **environmental***

NOUN	ADJECTIVE
benefit	_____
_____	**cellular**
sex	_____
_____	**genetic**
harm	_____
_____	**molecular**
nerve	_____
_____	**nuclear**
organ	_____
_____	**structural**

EXERCISES

Exercise F

1. Fill in each sentence with the correct word.

> **a**. carbohydrates   **b**. fat   **c**. minerals   **d**. protein   **e**. vitamins   **f**. water

1. People cannot survive for more than a few days without _____.

2. Good sources of _____ include lean meats, fish, and heart-healthy oils.

3. _____ are inorganic elements needed by the body to perform its normal functions.

4. Most foods contain_____which the body breaks down into simple sugars - the
   major source of energy for the body.

5. _____builds up, maintains, and replaces body parts such as your organs
    and muscles.

6. There are two types of _____: fat soluble and water soluble.

2. Put the words into the correct order.

Example:/any/ /you/ /is/ /what/ /in/ /fluid/ /drink/ ?

> ***What is in any fluid that you drink?***

1. /major/ /is/ /the body/ /the/ /source/ /for/ /what/ /energy/ /of/?

   _____

2. /amino acids/ /needed/ /make/ /is/ /what/ /to/?

   _____

3. /and/ /fuels/ /what/ /absorb/ /some/ /the body/ /helps/ /vitamins/?

   _____

4. /heart/ /what/ /increase/ /can/ /of/ /disease/ /the/ /risk/?

   _____

5. /half/ /makes up/ /body weight/ /more/ /of/ /what/ /than/ /your/?

   _____