

3 HUMAN BODY SYSTEMS

3.1 Vocabulary

stress within words • prefixes

A Discuss these questions.

- 1 What is a *system*?
- 2 Give examples of a system in everyday life.
- 3 Give examples of a system in the human body.

B Study the pictures on the opposite page.

- 1 What does each picture show? Talk about each picture using a word from box a, changing the form if necessary. (You will not need all the words.)
- 2 How does each item affect the body?

a blood bones breathe
circulation contract
digestion immune intestine
muscular organs pathogen
protection respiration
skeleton stomach

C Look at the words in box a.

- 1 Underline the stressed syllable in each word.
- 2 Which word has the same stress pattern as *circulation*?
- 3 Sort the other words into groups according to their stress patterns.

D Complete each sentence with words from box a.

- 1 Food arrives in the _____ before it is slowly digested.
- 2 We usually _____ a mix of mainly oxygen and nitrogen.
- 3 Bones form the _____ in animals and give strength to the structure.
- 4 Getting a disease sometimes makes you _____ to it in the future.
- 5 Oxygen is carried around the body by the _____.
- 6 The heart, brain and lungs are all vital _____.
- 7 Bacteria and viruses are both types of _____ for humans.

E Study the words in box b. Find the prefix and try to work out the meaning in each case.

b pathogenic neurology transfusion immunoassay biodiversity
pathography neurotoxin transmit immunology bioethics
pathologist neurotransmitter transplant immunosuppressant biopsy

F Complete each sentence with a word from box b.

- 1 _____ is the study of the body's response to disease.
- 2 The animal used a _____ to paralyze other animals.
- 3 The tissue was removed during surgery to perform a _____.
- 4 The _____ diagnosed the problem by looking at the tissue sample.
- 5 The man needed a blood _____ following the accident.