

## LIFE PROCESSES IN HUMAN BEINGS

**1. Complete the table with the systems involved in each life process.**

Endocrine S.	Male reproductive S.	Skeletal S.	Circulatory S.	Female Reproductive S.
Digestive S.	Nervous S.	Muscular S.	Respiratory S.	Excretory S.

Nutrition	Interaction	Reproduction

**2. Complete the sentences using your books:**

- a. The digestive system breaks down the food we eat to (4 words) \_\_\_\_\_.
- b. The respiratory system absorbs (1 word) \_\_\_\_\_ from the air we breathe.
- c. The circulatory system transports (7 words) \_\_\_\_\_ around our body.
- d. Carbon dioxide is expelled from our bodies using the (2 words) \_\_\_\_\_ when we exhale.
- e. The female reproductive system produces an (2 words) \_\_\_\_\_ or ovum.
- f. The male reproductive system produces (1 word) \_\_\_\_\_.
- g. When a spermatozoon and an ovum combine, (1 word) \_\_\_\_\_ takes place.
- h. We detect information about the world around us through our (2 words) \_\_\_\_\_.
- i. This information is sent to the brain by the (2 words) \_\_\_\_\_.
- j. The endocrine system produces substances called hormones, for example, adrenaline, which tell our (1 word) \_\_\_\_\_ how to react in specific situations.

### 3. True (T) or False (F)

- a. Human beings have three basic life processes: nutrition, interaction, and reproduction.
- b. The digestive system breaks down food to release oxygen into our blood.
- c. The respiratory system absorbs oxygen from the air we breathe and passes it into our blood.
- d. The circulatory system transports nutrients and oxygen in our blood around our body.
- e. Carbon dioxide is expelled from our bodies using the excretory system.
- f. The female reproductive system produces spermatozooids.
- g. The brain processes information and sends signals to the locomotor system to move.

### 4. Match the systems of the human body with their functions.

Respiratory S.	Circulatory S.	Endocrine S.	Reproductive S.
Digestive S.	Muscular S.	Excretory S.	Nervous S.

- A. Transports nutrients and oxygen around the body.
- B. Breaks down food and absorbs nutrients.
- C. Removes waste products from the body.
- D. Absorbs oxygen from the air we breathe.
- E. Allows us to reproduce.
- F. Detects information about the world and helps us react to it.
- G. Enables movement and supports the body.
- H. Produces hormones that regulate body functions.