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.

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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 spermatozoids.

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.

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