

2

REVIEW SHEET
Organ Systems Overview

Name

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Lab Time/Date

1. Use the key below to indicate the body systems that perform the following functions for the body; note that some responses are used more than once. Then, circle the organ systems (in the key) that are present in all subdivisions of the ventral body cavity.

Key (a) cardiovascular
(b) digestive
(c) endocrine

(d) integumentary
(e) lymphatic/immunity
(f) muscular

(g) nervous
(h) reproductive
(i) respiratory

(j) skeletal
(k) urinary

- Urinary
Endocrine
Skeletal
Cardiovascular
Reproductive
Integumentary
Lymphatic/Immunity
Digestive
Respiratory
Cardiovascular
Muscular
Urinary
Reproductive
Endocrine
Integumentary
1. rids the body of nitrogen-containing wastes
 2. is affected by removal of the thyroid gland
 3. provides support and the levers on which the muscular system acts
 4. includes the heart
 5. has a menstrual cycle in females
 6. protects underlying organs from drying out and from mechanical damage
 7. protects the body; destroys bacteria and tumor cells
 8. breaks down ingested food into its building blocks
 9. removes carbon dioxide from the blood
 10. delivers oxygen and nutrients to the tissues
 11. moves the limbs; facilitates facial expression
 12. conserves body water or eliminates excesses
 13. facilitate conception and childbearing
 14. controls the body by means of chemical molecules called hormones
 15. is damaged when you cut your finger or get a severe sunburn

2. Using the above key, choose the *organ system* to which each of the following sets of organs or body structures belongs.

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|-------------|--------------------------------------|---------------|--|
| Lymphatic | 1. thymus, spleen, lymphatic vessels | Integumentary | 5. epidermis, dermis, and cutaneous sense organs |
| Skeletal | 2. bones, cartilages, tendons | Reproductive | 6. testis, ductus deferens, urethra |
| Endocrine | 3. pancreas, pituitary, adrenals | Digestive | 7. esophagus, large intestine, rectum |
| Respiratory | 4. trachea, bronchi, lungs | Muscular | 8. muscles of the thigh, postural muscles |