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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1. The pelvic cavity contains the organs of the reproductive and excretory urinary systems.​   |  |  |  | | --- | --- | --- | |  | a. | True | |  | b. | False |  |  |  | | --- | --- | | *ANSWER:* | True | |

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| 2. The thoracic cavity contains the heart and lungs.​   |  |  |  | | --- | --- | --- | |  | a. | True | |  | b. | False |  |  |  | | --- | --- | | *ANSWER:* | True | |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 3. The lungs are located inferior to the diaphragm.​   |  |  |  | | --- | --- | --- | |  | a. | True | |  | b. | False |  |  |  | | --- | --- | | *ANSWER:* | False | |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4. The kidneys are located within the abdominal cavity.​   |  |  |  | | --- | --- | --- | |  | a. | True | |  | b. | False |  |  |  | | --- | --- | | *ANSWER:* | False | |

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| 5. The midsagittal plane divides the body into front and back halves.​   |  |  |  | | --- | --- | --- | |  | a. | True | |  | b. | False |  |  |  | | --- | --- | | *ANSWER:* | False | |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6. Caudal means “skull, or head, end” of the body.​   |  |  |  | | --- | --- | --- | |  | a. | True | |  | b. | False |  |  |  | | --- | --- | | *ANSWER:* | False | |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7. The hand is proximal to the elbow.​   |  |  |  | | --- | --- | --- | |  | a. | True | |  | b. | False |  |  |  | | --- | --- | | *ANSWER:* | False | |

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| 8. The dorsal cavity contains the \_\_\_\_\_.​   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | ​heart and lungs | b. | ​major organs of digestion | |  | c. | ​structures of the central nervous system |  |  |  |  |  | | --- | --- | | *ANSWER:* | c | |

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| 9. Lateral means \_\_\_\_\_.​   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | ​near the beginning of a structure | b. | ​near the front of the body | |  | c. | ​toward the midline | d. | ​toward the side |  |  |  | | --- | --- | | *ANSWER:* | d | |

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| 10. The midsagittal plane divides the body into \_\_\_\_\_.​   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | ​anterior and posterior portions | b. | ​cephalic and caudal halves | |  | c. | ​upper and lower sections | d. | ​left and right halves |  |  |  | | --- | --- | | *ANSWER:* | d | |

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| 11. The \_\_\_\_\_ surface of a structure is toward, or nearer, the midline and away from the side.​   |  |  |  | | --- | --- | --- | |  | a. | ​distal | |  | b. | ​lateral | |  | c. | ​medial | |  | d. | ​proximal |  |  |  | | --- | --- | | *ANSWER:* | c | |

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| 12. The \_\_\_\_\_ plane divides the body into front and back portions.​   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | ​coronal | b. | ​sagittal | |  | c. | ​transverse |  |  |  |  |  | | --- | --- | | *ANSWER:* | a | |

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| 13. Which of the following is known as the study of microscopic one-celled organisms, multi-celled organisms, plants, animals, and humans?​   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | ​Biology | b. | ​Anatomy | |  | c. | ​Physiology |  |  |  |  |  | | --- | --- | | *ANSWER:* | a | |

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| 14. Which of the following conditions would occur on the anterior part of the body?​   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | ​Injury to the bottom of the foot | b. | ​Ventral hernia | |  | c. | ​Bruise on the back of the head |  |  |  |  |  | | --- | --- | | *ANSWER:* | b | |

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| 15. A scratch on the left thigh would best be described as \_\_\_\_\_.​   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | ​deep | b. | ​superficial | |  | c. | ​internal | d. | ​external | |  | e. | ​superficial and external | f. | ​deep and internal |  |  |  | | --- | --- | | *ANSWER:* | e | |

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| 16. Which of the following sequences place the terms from the simplest to the most complex?​   |  |  |  | | --- | --- | --- | |  | a. | ​Tissues, cells, organs, organ systems, human body | |  | b. | ​Human body, organ system, organs, tissues, cells | |  | c. | ​Cells, tissues, organs, organ system, human body | |  | d. | ​None of these answers are correct. |  |  |  | | --- | --- | | *ANSWER:* | c | |

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| 17. Which of the following is the best description of *anabolism*?​   |  |  |  | | --- | --- | --- | |  | a. | ​Functional activities of cells that result in growth, repair, energy release, use of food, and secretions | |  | b. | ​Building up of complex materials from simpler ones such as food and oxygen | |  | c. | ​Breaking down and changing of complex substances into simpler ones, with a release of energy and carbon dioxide |  |  |  | | --- | --- | | *ANSWER:* | b | |

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| 18. In the metric system, which of the following is used to measure weight?​   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | ​Grams | b. | ​Meters | |  | c. | ​Liters | d. | ​Milliliters |  |  |  | | --- | --- | | *ANSWER:* | a | |

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| 19. Place the following prefixes in the order of smallest to largest.​   |  |  |  | | --- | --- | --- | |  | a. | ​Micro, milli, centi | |  | b. | ​Milli, centi, micro | |  | c. | ​Centi, milli, micro | |  | d. | ​Micro, centi, milli |  |  |  | | --- | --- | | *ANSWER:* | a | |

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| 20. The provider instructs the patient to take 1 gram of acetaminophen for their fever. The patient only has capsules marked as 325 mg. How many should the patient take?​   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | ​1 capsule | b. | ​2 capsules | |  | c. | ​3 capsules | d. | ​4 capsules |  |  |  | | --- | --- | | *ANSWER:* | c | |

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| 21. Which of the following are cavities within the skull. Mark all that apply.​   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | ​Orbital cavity | b. | ​Nasal cavity | |  | c. | ​Oral cavity | d. | ​Buccal cavity |  |  |  | | --- | --- | | *ANSWER:* | a, b, c, d | |

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| 22. Mark all that are true.​   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | a. | ​1 liter = 1,000 milliliters | b. | ​2.2 kilograms = 1 pound | |  | c. | ​2.5 centimeters = 1 inch | d. | ​The prefix centi means 1/1000. | |  | e. | ​30 milliliters = 1 ounce |  |  |  |  |  | | --- | --- | | *ANSWER:* | a, c, e | |

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| 23. Any abnormal change in the structure or function which produces symptoms is considered a(n) \_\_\_\_\_\_\_\_\_\_\_\_.​   |  |  | | --- | --- | | *ANSWER:* | disease​ | |

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| --- | --- | --- |
| 24. A(n) \_\_\_\_\_\_\_\_\_\_\_\_, or cross, section is a horizontal cut that divides the body into upper and lower parts.​   |  |  | | --- | --- | | *ANSWER:* | ​transverse | |

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| 25. The dorsal cavity contains the \_\_\_\_\_\_\_\_\_\_\_\_ cavity and the \_\_\_\_\_\_\_\_\_\_\_\_ cavity.​   |  |  | | --- | --- | | *ANSWER:* | cranial, spinal​ | |

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| 26. The \_\_\_\_\_\_\_\_\_\_\_\_ divides the ventral cavity into two parts: the upper thoracic and the lower abdominopelvic cavities.​   |  |  | | --- | --- | | *ANSWER:* | diaphragm​ | |

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| 27. The naval is located in the middle or \_\_\_\_\_\_\_\_\_\_\_\_\_ region.​   |  |  | | --- | --- | | *ANSWER:* | ​umbilical | |

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| --- | --- | --- |
| 28. The stomach is located \_\_\_\_\_\_\_\_\_\_\_\_ to the diaphragm.​   |  |  | | --- | --- | | *ANSWER:* | inferior​ | |

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| 29. The term \_\_\_\_\_\_\_\_\_\_\_\_ is used to reference the ventral surface of the body.​   |  |  | | --- | --- | | *ANSWER:* | anterior​ | |

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| --- | --- | --- |
| 30. The region superior to the left inguinal region is the \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ region.​   |  |  | | --- | --- | | *ANSWER:* | left lumbar​ | |

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| 31. The pubic area can also be referred to as the lower, or \_\_\_\_\_\_\_\_\_\_\_\_\_\_, region.​   |  |  | | --- | --- | | *ANSWER:* | hypogastric​ | |

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| --- | --- | --- |
| 32. The region inferior to the right lumbar region is the right inguinal region, or the \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ region.​   |  |  | | --- | --- | | *ANSWER:* | right iliac​ | |

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| 33. The area superior to the right lumbar region is the \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ region.​   |  |  | | --- | --- | | *ANSWER:* | right hypochondriac​ | |

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| --- | --- | --- |
| 34. \_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the ability of the body to regulate its internal environment within narrow limits.​   |  |  | | --- | --- | | *ANSWER:* | Homeostasis​ | |

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| 35. The metric system is a decimal system based on the power of \_\_\_\_\_\_\_\_\_\_\_\_.​   |  |  | | --- | --- | | *ANSWER:* | 10 ten​ | |

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| --- | --- | --- |
| 36. One tablespoon of cough medicine equals \_\_\_\_\_\_\_\_\_\_\_\_ milliliters of cough medicine.​   |  |  | | --- | --- | | *ANSWER:* | 15 fifteen  ​ | |

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| *You must make a notation on a patient’s record. Match the correct anatomical terminology to the description of the location.*​   |  |  | | --- | --- | | a. | ​pain in the back | | b. | ​pain below the right ribs | | c. | ​a cut in the lower part of the right arm | | d. | ​heartburn | | e. | ​stomach cramps | | f. | ​right inguinal hernia | |

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| 37. ​proximal to wrist   |  |  | | --- | --- | | *ANSWER:* | c | |

|  |  |  |
| --- | --- | --- |
| 38. ​lumbar region   |  |  | | --- | --- | | *ANSWER:* | a | |

|  |  |  |
| --- | --- | --- |
| 39. ​epigastric area   |  |  | | --- | --- | | *ANSWER:* | d | |

|  |  |  |
| --- | --- | --- |
| 40. ​right hypochondriac area   |  |  | | --- | --- | | *ANSWER:* | b | |

|  |  |  |
| --- | --- | --- |
| 41. ​umbilical area   |  |  | | --- | --- | | *ANSWER:* | e | |

|  |  |  |
| --- | --- | --- |
| 42. ​right iliac area   |  |  | | --- | --- | | *ANSWER:* | f | |

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| *Match the branch of anatomy with its description.*​   |  |  |  |  | | --- | --- | --- | --- | | a. | ​gross anatomy | b. | ​microscopic anatomy | | c. | ​developmental anatomy | d. | ​comparative anatomy | | e. | ​systematic anatomy |  |  | |

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| --- | --- | --- |
| 43. ​study of the growth and development of an organism during its lifetime   |  |  | | --- | --- | | *ANSWER:* | c | |

|  |  |  |
| --- | --- | --- |
| 44. ​study of large and easily observable structures of an organism   |  |  | | --- | --- | | *ANSWER:* | a | |

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| 45. ​examples are dermatology, endocrinology, and neurology   |  |  | | --- | --- | | *ANSWER:* | e | |

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| --- | --- | --- |
| 46. ​study of similarities and differences between different animals   |  |  | | --- | --- | | *ANSWER:* | d | |

|  |  |  |
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| 47. ​includes cytology and histology   |  |  | | --- | --- | | *ANSWER:* | b | |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Match the life function with the applicable body system.*​   |  |  |  |  | | --- | --- | --- | --- | | a. | ​movement | b. | ​ingestion | | c. | ​transport | d. | ​growth | | e. | ​secretion | f. | ​excretion | | g. | ​regulation (sensitivity) |  |  | |

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| 48. ​digestive system   |  |  | | --- | --- | | *ANSWER:* | b | |

|  |  |  |
| --- | --- | --- |
| 49. ​skeletal system   |  |  | | --- | --- | | *ANSWER:* | d | |

|  |  |  |
| --- | --- | --- |
| 50. ​circulatory system   |  |  | | --- | --- | | *ANSWER:* | c | |

|  |  |  |
| --- | --- | --- |
| 51. ​nervous system   |  |  | | --- | --- | | *ANSWER:* | g | |

|  |  |  |
| --- | --- | --- |
| 52. ​endocrine system   |  |  | | --- | --- | | *ANSWER:* | e | |

|  |  |  |
| --- | --- | --- |
| 53. ​muscle system   |  |  | | --- | --- | | *ANSWER:* | a | |

|  |  |  |
| --- | --- | --- |
| 54. ​urinary system   |  |  | | --- | --- | | *ANSWER:* | f | |