

Tissues, Organs, and Organ Systems

| Sr | Questions | Answers Choice |
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| 1 | You can observe spongy mesophyll and xylem in the cross section of leaf. These are part of the same | A. Tissue and organ B. Cell and tissue C. Organ and organism D. Cell and organism |
| 2 | Which structure is not an organ. | A. Xylem B. Flower C. Artery D. Spinal Cord |
| 3 | Biological organization means. | A. Study of different organisms B. Study of biology at different levels C. Study of different branches of biology D. Study of all the subjects of science |
| 4 | Organisms have the ability to change and modify their internal conditions according to the environment through. | A. Osmoregulation B. Excretion C. Thermoregulation D. All of the above |
| 5 | What is homeostasis. | A. A type of hormone B. Digestive process C. The body's way of maintaining a stable internal environment D. A respiratory function |
| 6 | The level of organization which is represented by the heart of frog is. | A. Tissue B. Organ C. Organism D. Organelle |
| 7 | Which of these is a function of the human skeletal system. | A. Storing minerals and producing blood cells B. Removing carbon dioxide from blood C. Filtering blood to remove waste products D. Breaking down food for energy. |
| 8 | If tissue level is not developed in the levels of organization. Which of the next level will not be formed. | A. Organelle level B. Organ level C. Molecular level D. Atomic level |
| 9 | In a leaf, which tissue is primarily responsible for photosynthesis. | A. Phloem B. Xylem C. Mesophyll D. Epidermis |
| 10 | The epithelial tissue in the stomach wall is responsible for producing. | A. Mucus B. Pepsinogen C. Hydrochloric acid D. All of these |
| 11 | Which description of xylem is correct. | A. A cell used for absorption B. A tissue used for transport C. An organ used for transport D. An organ system used for conduction |
| 12 | Which structure is at a different level of organization from the other three. | A. Liver B. Lung C. Neuron D. Kidney |
| 13 | What is the primary function of the root system in plants. | A. Absorbing water B. Photosynthesis C. Gas exchange D. Reproduction |
| | | A. Organism, organ system, organ, tissue, cell B. Tissue, cell, organ, organ system |

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| 14 | Which of the following lists the levels of body organization from smallest to largest. | organism C. Organ,organ system, organism, tissue , cell D. Cell, tissue, organ, organ system, organism |
| 15 | In a plant, which of the following is the primary function of the flower. | A. Regulating gas exchange B. Facilitating reproduction through pollination C. Supporting leaf growth D. Transporting water and minerals |
| 16 | What is the primary function of the xylem tissue in a leaf. | A. To transport sugars to othe rparts B. To control the opening and closing of stomata C. To transport water to parts of leaf D. To synthesize chlorophyll |
| 17 | What is the main function of the nervous system. | A. Digesting food B. Circulating blood C. Controlling and coordinating D. Plastids |
| 18 | The epithelial tissue in the stomach wall is responsible for producing | A. Mucus B. Pepsinogen C. Hydrochloric acid D. All of these |
| 19 | What type of tissue lines the inner surface of the stomach. | A. Nervous B. Epithelial C. Muscular D. Connective |
| 20 | Which part of the platn is primarity involved in photosynthesis. | A. Root B. Stem C. Flower D. Leaf |
| 21 | Which structures are responsible for the transport of food in plant body. | A. Xylem tissue B. Pholem tissue C. Spongy mesophyll D. Palisade mesophyll |
| 22 | In the wall of stomach which tissue also contains blood vessels and nerves. | A. Inner Connective B. Epithelial C. Muscle D. Phloem |
| 23 | In the wall of stomach, which tissue also contains blood vessels and nerves. | A. Phloem B. Inner Connective C. Epithelial D. Muscle |
| 24 | A higher level of organization exhibits emergent properties when | A. Its Parts function independently B. Its parts intect to perform more function C. The individual parts are more important than the whole D. The sum of its parts is greater than the whole |
| 25 | What tissue transports water in plants. | A. Epidermal B. Mesophyll C. Pholem D. Xylem |
| 26 | Which of the following statements best describes homeostasis. | A. Keeping the body in a fixed and unaltered state B. Dynamic equilibrium C. Maintaining a near constant intrnal environment D. Altering the external environment to accommodate the body's needs. |
| 27 | Which organ system is responsible for circulating blood in the human body. | A. Digestive B. Circulatory C. Nervous D. Respiratory |
| 28 | At which level of organization gas exchagne occurs between body and environment. | A. Oganelle level in mitochondria B. Organ system level in the respiratory system C. Cellular level in alveolar cells D. Tissue level in epithelial tissues |
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- C. Cellular level in alveolar cells
- D. Tissue level in epithelial tissues

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This statemtn about homeostasis is incorreect.

- A. There is one system regulating the homeostatic activities
- B. Because fo this , the fluctuations of the internal environment are of extremely narrow range as compared to that of the external environment
- C. Homeostatic mechanismsm keep the internal environment constant depite wide changes in the external environment
- D. Homeostasis is necessary for the survival of cells