

Homeostasis

Sr	Questions	Answers Choice
1	Ribs which protect the kidneys are.	A. First two B. Last two C. Middle D. Last four
2	A methods for the removal of kidney stone is.	A. Pentonial Dialysis B. Haemodialysis C. Kidney transplant D. Lithotripsy
3	Xerophytes, plants adapted to dry environments, often exhibit which of the following features to conserve water?	A. Large, broad leaves with many stomata B. Thin cuticle and shallow root system C. Sunken stomata, thick cuticle, and reduced leaf surface area D. Presence of pneumatophores
4	Rubber plant secretes.	A. Rubber B. Latex C. Mucilage D. Resin
5	Normal pH of blood is maintained at.	A. 7.35 -7.40 B. 7.35-7.45 C. 7.30-7.40 D. 7.30-7.45
6	Human Urinary system consists of.	A. Kidneys B. Ureter C. Urinary bladder D. All of these
7	Which of the following is NOT a common cause of kidney stones (renal calculi)?	A. Excessive intake of calcium-rich foods B. Dehydration C. High levels of uric acid in the blood D. Regular physical exercise
8	Which of the following is a common method used by plants to excrete metabolic waste products, particularly when they accumulate in older, senescent parts?	A. Active transport into the soil B. Storing them in vacuoles and shedding leaves C. Converting them into useful nutrients D. Releasing them through root hairs
9	Besides protecting the body, the skin contributes to homeostasis primarily through which of these functions?	A. Producing digestive enzymes B. Regulating blood glucose levels C. Excreting excess salts and water through sweat D. Filtering toxins directly from the blood
10	Which process is primarily responsible for the removal of excess water from plant leaves in the form of water vapor?	A. Respiration B. Photosynthesis C. Transpiration D. Absorption
11	Which are not filtered through glomerular capillaries.	A. Blood cells B. Proteins C. Both a and b D. Urea
12	When the human body temperature rises above normal, which of the following is a homeostatic response to cool down?	A. Shivering B. Vasoconstriction of blood vessels in the skin C. Increased sweat production D. Piloerection (goosebumps)
13	Which human organ plays a crucial role in osmoregulation by filtering blood and producing urine?	A. Liver B. Lungs C. Heart D. Kidneys

14	Which of the following is the structural and functional unit of the kidney?	A. Neuron B. Alveolus C. Nephron D. Hepatocyte
15	Cacti are example of:	A. Hydrophytes B. Xerophytes C. Halophytes D. None of these
16	Which plant structure plays a crucial role in regulating gaseous exchange and water loss (transpiration) to maintain homeostasis?	A. Root hairs B. Xylem vessels C. Stomata D. Phloem tubes
17	During lithotripsy stone is removed by.	A. Surgery B. Medicines C. Electrical Shock waves D. Non-Electrical shock waves
18	The plants living in dry environment are	A. halophytes B. hydrophytes C. epiphytes D. xerophytes
19	How many ureters take part in human excretory system:	A. two B. one C. three D. five
20	Calcium oxalate is deposited in the form of crystals in the leaves and stems of.	A. Pines B. Tomatoes C. Rubber D. Keekar