

Homeostasis

Sr	Questions	Answers Choice
1	The waste products secreted by kidneys contains.	A. Urea, water and salts B. Salts, water and carbon dioxide C. Urea and water D. Urea and salts
2	What is the primary definition of homeostasis in living organisms?	A. The process of maintaining a stable internal environment despite external changes. B. The breakdown of complex food molecules into simpler ones. C. The process of growth and development in an organism. D. The movement of substances from an area of high concentration to low concentration.
3	The gas produced in mesophyll cells as by product during day time is called.	A. Oxygen B. Carbon dioxide C. Nitrogen D. Chlorine
4	The maintenance of internal body temperature is called.	A. Osmoregulation B. Thermoregulation C. Excretion D. Guttation
5	The example mucilage excreting plant is:	A. keekar B. rubber C. conifers D. lady finger
6	During lithotripsy stone is removed by.	A. Surgery B. Medicines C. Electrical Shock waves D. Non-Electrical shock waves
7	A kidney transplant involves replacing a diseased kidney with a healthy kidney from a donor. What is a major challenge after a kidney transplant?	A. High risk of developing kidney stones in the new kidney B. Need for lifelong immunosuppressant medication C. Inability to consume water D. Complete recovery of natural kidney function without medication
8	Urine is temporarily stored in which of these until it is released from body.	A. Kidney B. Ureter C. Urinary bladder D. Urethra
9	Resin as waste materials, is excreted from.	A. Conifers B. Tomato C. Kikar D. Rubber
10	Which organ system is mainly responsible for osmoregulation in humans?	A. Digestive system B. Respiratory system C. Circulatory system D. Urinary system
11	The organ which performs Osmoregulation function is:	A. lungs B. kidneys C. stomach D. skin
12	The length of human kidney is.	A. 27 cm B. 4cm C. 5 cm D. 10 cm
13	In every kidney no. of Nephrons is about.	A. 10 Lac B. 5 Lac C. More than 10 Lac D. More than 5 Lac
		A. Pine

14	The process of guttation occurs in the plant.	<p>B. Grass C. Keekar D. Rubber plant</p>
15	What is the primary challenge associated with kidney transplantation?	<p>A. Finding a suitable hospital for the procedure B. The high cost of the surgical procedure C. Immune rejection of the transplanted organ by the recipient's body D. Difficulty in finding a specialized surgeon</p>
16	The loss of water from plant surface in the form of vapours is called.	<p>A. Transpiration B. Guttation C. Excretion D. Thermoregulation</p>
17	What is the primary process by which plants regulate their internal temperature and water balance by losing water vapor from their aerial parts?	<p>A. Photosynthesis B. Respiration C. Transpiration D. Absorption</p>
18	Which of the following is a common method used by plants to excrete metabolic waste products, particularly when they accumulate in older, senescent parts?	<p>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</p>
19	How do plants get rid of accumulated metabolic waste products like calcium oxalate crystals, especially in deciduous trees?	<p>A. Through root exudates. B. By storing them in fruits. C. By shedding leaves in autumn. D. Through stomatal pores.</p>
20	Human Urinary system consists of.	<p>A. Kidneys B. Ureter C. Urinary bladder D. All of these</p>