

## Homeostasis

Sr	Questions	Answers Choice
1	The unit of excretory system is	A. nephron B. neuron C. alveolus D. loop of Henle
2	What is the main nitrogenous waste product excreted by the kidneys in humans?	A. Ammonia B. Uric acid C. Urea D. Creatinine
3	What is the primary definition of homeostasis in biology?	A. The process of growth and development in an organism. B. The maintenance of a stable internal environment despite changes in the external environment. C. The breakdown of complex food molecules into simpler ones. D. The transmission of genetic information from parents to offspring.
4	Calcium oxalate is deposited in the form of crystals in the leaves and stems of.	A. Pines B. Tomatoes C. Rubber D. Keekar
5	Play role in maintaining body temperature.	A. Lungs B. Skin C. Kidneys D. Ear
6	The length of human kidney is.	A. 27 cm B. 4 cm C. 5 cm D. 10 cm
7	What is the function of the ureter?	A. To store urine. B. To carry urine from the kidney to the bladder C. To carry urine out of the body D. To remove waste from the blood
8	The regulation of blood glucose levels by insulin and glucagon is an example of which type of homeostatic control?	A. Thermoregulation B. Osmoregulation C. Chemical regulation D. Pressure regulation
9	Maintenance of balance in the amounts of water, minerals, temperature and glucose in the body is called.	A. Excretion B. Tubular secretion C. Homeostasis D. Reabsorption
10	What are not filtered through glomerular capillaries?	A. Blood cells & Proteins B. Fats & Proteins C. Fats & Salts D. Salts & Proteins
11	The organ of excretory system which makes urine after filtration of blood:	A. glands B. liver C. lungs D. kidney
12	The normal body temperature of man is:	A. 27°C B. 37°C C. 47°C D. 57°C
13	The functional unit of kidney is called.	A. Renal Pelvis B. Nephron C. Bowman's capsule D. Renal Medulla
14	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
15	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
16	The name of tube between kidney and urinary bladder is.	A. Renal tubula B. Nephron C. Urethra D. Ureter
17	The function of kidneys is;	A. urine formation B. food transport C. absorption of food D. removal of oxygen
18	U-Shaped part of renal tubule is called.	A. Renal corpuscle B. Glomerulus C. Loop of Henle D. Bowman's capsule
19	What is the primary process by which plants regulate their internal temperature and water balance by losing water vapor from their aerial parts?	A. Photosynthesis B. Respiration C. Transpiration D. Absorption
20	The typical volume of urine produced by an adult in liters per day is.	A. 2.4 B. 1.4 C. 3.2 D. 4.1