

Homeostasis

Sr	Questions	Answers Choice
1	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
2	In which succulent organs present?	A. Hydrophytes B. Mesophytes C. Xerophytes D. Halophytes
3	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
4	Organs which work for homeostasis are:	A. Lungs B. Skin C. Kidney D. All
5	Which human organ plays a crucial role in osmoregulation by filtering blood and producing urine?	A. Liver B. Lungs C. Heart D. Kidneys
6	The average life for donated kidney is.	A. 1-5 years B. 5-10 years C. 10-15 years D. 15-20 years
7	The U-shaped part of renal tubule is called:	A. bowman capsule B. glomerulus C. renal pelvis D. loop of Henle
8	Which are not filtered through glomerular capillaries.	A. Blood cells B. Proteins C. Both a and b D. Urea
9	Body balance of water, salts, temperature and glucose is termed as:	A. Excretion B. Tubular C. Homeostasis D. Re-absorption
10	The organ of excretory system which makes urine after filtration of blood:	A. glands B. liver C. lungs D. kidney
11	Maintenance of balance in the amounts of water minerals, temperature and glucose in body is called.	A. Excretion B. Tubular secretion C. Homeostasis D. Reabsorption
12	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
13	U-Shaped part of renal tubule is called.	A. Renal corpuscle B. Glomerulus C. Loop of henle D. Bowman's capsule
14	What is the primary function of the kidneys in the human body?	A. To pump blood throughout the body B. To produce digestive enzymes C. To filter waste products and excess water from the blood D. To regulate blood sugar levels

15	Which tube carries urine from the kidney to the urinary bladder?	A. Urethra B. Ureter C. Renal artery D. Renal vein
16	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
17	Water lily is example of.	A. Halophytes B. Hydrophytes C. Xerophytes D. Mesophyte
18	The accumulation of urea and other nitrogenous waste products in the blood due to kidney failure is known as:	A. Glycosuria B. Uremia C. Hematuria D. Albuminuria
19	Stomata are small pores primarily involved in which of the following homeostatic functions in plants?	A. Absorption of mineral salts from the soil B. Production of glucose during daylight C. Regulation of gas exchange and water vapor release D. Structural support for leaves
20	Which of these is a common symptom of chronic kidney disease?	A. Sudden increase in appetite B. Clear and frequent urination C. Swelling in the ankles, feet, or legs D. Unexplained weight gain