

Homeostasis

Sr	Questions	Answers Choice
1	Which human organ plays a crucial role in osmoregulation by filtering blood and producing urine?	A. Liver B. Lungs C. Heart D. Kidneys
2	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
3	What is the primary function of dialysis in patients with kidney failure?	A. To stimulate kidney regeneration B. To filter waste products and excess fluid from the blood C. To increase blood pressure D. To produce essential hormones
4	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
5	In an adult man the average urine formation in a day is.	A. 4 litre B. 1.3 litre C. 1.4 litre D. 3 litre
6	The gas produced in mesophyll cells as by product during day time is called.	A. Oxygen B. Carbon dioxide C. Nitrogen D. Chlorine
7	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
8	Plays role in maintaining body temperature.	A. Lungs B. Skin C. Kidneys D. Ear
9	the depression near the centre of concave area of kidney is called.	A. Cortex B. Hilus C. Medulla D. Pyramids
10	The average life for donated kidney is.	A. 1-5 years B. 5-10 years C. 10-15 years D. 15-20 years
11	Example of hydrophyte plants is.	A. Grass B. Sea grass C. Catus D. Water lilly
12	It plays important role in keeping body temperature constant:	A. kidney B. skin C. liver D. lungs
13	A methods for the removal of kidney stone is.	A. Pentonial Dialysis B. Haemodialysis C. Kidney transplant D. Lithotripsy
14	The typical volume of urine produced by an average adult per day is:	A. 1 liter B. 2 liter C. 1.4 liter D. 5 liter
		A. Epidermal cells

15	Stomata play a crucial role in homeostasis by regulating the exchange of gases and the loss of water. Which cells primarily control the opening and closing of stomata?	B. Palisade cells C. Guard cells D. Xylem cells
16	The name of tube between kidney and urinary bladder is.	A. Renal tubula B. Nephron C. Urethra D. Ureter
17	The process which maintain the internal condition of body at equilibrium despite changes in the external environment is called.	A. Homeostasis B. Excretion C. Absorption D. Tubular Secretion
18	The U-shaped part of renal tubule is called:	A. bowrman capsule B. glomerulus C. renal pelvis D. loop of Henle
19	The exudation of water droplets from the margins of leaves, especially in humid conditions, is known as:	A. Transpiration B. Guttation C. Evaporation D. Condensation
20	The organ of excetory system which makes urine after filtration of blood:	A. glands B. liver C. lungs D. kidney