

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	Which of the following processes is crucial for maintaining water balance and temperature regulation in plants?	A. Photosynthesis B. Respiration C. Transpiration D. Pollination
3	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
4	The process by which essential substances like glucose, amino acids, and some salts are reabsorbed from the filtrate back into the blood in the renal tubules is called:	A. Filtration B. Secretion C. Reabsorption D. Excretion
5	In which succulent organs present?	A. Hydrophytes B. Mesophytes C. Xerophytes D. Halophytes
6	The length of human kidney is.	A. 27 cm B. 4cm C. 5 cm D. 10 cm
7	The gas produced in mesophyll cells as by product during day time is called.	A. Oxygen B. Carbon dioxide C. Nitrogen D. Chlorine
8	U-Shaped part of renal tubule is called.	A. Renal corpuscle B. Glomerulus C. Loop of henle D. Bowman's capsule
9	Which would NOT be present in the filtrate entering the Bowman's capsule of nephron?	A. Water B. Calcium ions C. Blood cells D. Urea
10	Ribs which protect the kidneys are.	A. First two B. Last two C. Middle D. Last four
11	Which are not filtered through glomerular capillaries.	A. Blood cells B. Proteins C. Both a and b D. Urea
12	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
13	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
14	Cactus plant is.	A. Hydrophyte B. Xerophyte C. Halophyte D. Mesophyte
15	Resin as waste materials, is excreted from.	A. Conifers B. Tomato C. Kikar D. ...

		D. Rubber
16	Adaptions found in plants to keep the balance of carbon dioxide and oxygen are:	A. photosynthesis B. stomata C. transpiration D. all to these
17	The longitudinal section of kidney shows the outer part.	A. Renal cortex B. Renal medulla C. Renal Pyramids D. renal Pelvis
18	What is the main role of the urinary bladder?	A. To produce urine B. To store urine temporarily before urination C. To filter blood D. To transport urine from the body
19	The loss of water from plant surface in the form of vapours is called.	A. Transpiration B. Guttation C. Excretion D. Thermoregulation
20	Renal Pelvis is a part of	A. Kidney B. Heart C. Lungs D. Testes