

Homeostasis

Sr	Questions	Answers Choice
1	The organ of excretory system which makes urine after filtration of blood:	A. glands B. liver C. lungs D. kidney
2	Kidney stones are primarily formed by the accumulation of which substances in the kidneys?	A. Proteins and fats B. Salts of calcium oxalate and uric acid C. Sugars and carbohydrates D. Vitamins and essential amino acids
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	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.
5	Adaptions found in plants to keep the balance of carbon dioxide and oxygen are:	A. photosynthesis B. stomata C. transpiration D. all to these
6	What is the primary purpose of homeostasis in plants?	A. To increase photosynthesis rate. B. To maintain a stable internal environment. C. To attract pollinators. D. To enhance nutrient absorption from the soil.
7	The plants living in dry environment are	A. halophytes B. hydrophytes C. epiphytes D. xerophytes
8	The concave part of the kidney is toward.	A. Upper B. Lower C. Toward vertebral column D. Away from vertebral column
9	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
10	Which of the following is the structural and functional unit of the kidney?	A. Neuron B. Alveolus C. Nephron D. Hepatocyte
11	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
12	the depression near the centre of concave area of kidney is called.	A. Cortex B. Hilus C. Medulla D. Pyramids
13	What are not filtered through glomerular capillaries?	A. Blood cells & Proteins B. Fats & Proteins C. Fats & Salts D. ...

14	The process of cleaning the blood of waste products using an artificial kidney when a person's kidneys fail is called:	A. Digestion B. Respiration C. Dialysis D. Osmosis
15	During peritoneal dialysis, the waste materials move from:	A. The abdomen to the dialysis fluid B. The dialysis fluid to the peritoneum blood vessels. C. The peritoneum blood vessels to the dialysis fluid D. The dialysis fluid to the abdomen.
16	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
17	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?	A. Epidermal cells B. Palisade cells C. Guard cells D. Xylem cells
18	Which tube carries urine from the kidney to the urinary bladder?	A. Urethra B. Ureter C. Renal artery D. Renal vein
19	In which succulent organs present?	A. Hydrophytes B. Mesophytes C. Xerophytes D. Halophytes
20	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