

Homeostasis

Sr	Questions	Answers Choice
1	In every kidney no. of Nephrons is about.	A. 10 Lac B. 5 Lac C. More than 10 Lac D. More than 5 Lac
2	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.
3	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
4	The regulation of carbon dioxide uptake and oxygen release in plants is primarily controlled by which structures for gaseous homeostasis?	A. Root hairs B. Xylem vessels C. Phloem tissues D. Stomata
5	The maintenance of internal body temperature is called.	A. Osmoregulation B. Thermoregulation C. Excretion D. Guttation
6	The function of kidneys is;	A. urine formation B. food transport C. absorption of food D. removal of oxygen
7	For removing stone method in which non-electrical shock waves are bombarded on stones is called.	A. Lithotripsy B. Surgery C. Dialysis D. None of these
8	Which plant structure plays a crucial role in regulating gaseous exchange and water loss (transpiration) to maintain homeostasis?	A. Root hairs B. Xylem vessels C. Stomata D. Phloem tubes
9	The tube between kidney and urinary bladder is the.	A. Ureter B. Urethra C. Renal tubule D. Nephron
10	By drinking plenty of water how many stones can be avoided?	A. 20% B. 30% C. 50% D. 90%
11	Xerophytes, plants adapted to dry environments, often exhibit which of the following features to conserve water?	A. Large, broad leaves with many stomata B. Thin cuticle and shallow root system C. Sunken stomata, thick cuticle, and reduced leaf surface area D. Presence of pneumatophores
12	The unit of excretory system is	A. nephron B. neuron C. alveolus D. loop of Henle
13	A methods for the removal of kidney stone is.	A. Percutaneous Nephrolithotomy B. Haemodialysis C. Kidney transplant D. Lithotripsy
14	Which of the following processes is crucial for maintaining water balance and temperature regulation in plants?	A. Photosynthesis B. Respiration C. Transpiration D. Guttation

		D. Pollination
15	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
16	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
17	The organ which performs Osmoregulation function is:	A. lungs B. kidneys C. stomach D. skin
18	Which human organ plays a crucial role in osmoregulation by filtering blood and producing urine?	A. Liver B. Lungs C. Heart D. Kidneys
19	The functional unit of kidney is called.	A. Renal Pelvis B. Nephron C. Bowman's capsule D. Renal Medulla
20	Human Urinary system consists of.	A. Kidneys B. Ureter C. Urinary bladder D. All of these