

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	What is the primary challenge associated with kidney transplantation?	A. Finding a suitable hospital for the procedure B. The high cost of the surgical procedure C. Immune rejection of the transplanted organ by the recipient's body D. Difficulty in finding a specialized surgeon
3	Which is the correct order for the path taken by urine after it leaves the kidneys?	A. Urethra, bladder, ureters B. Bladder, ureters, urethra C. Ureters, bladder, urethra D. Bladder, urethra, ureters
4	The plants living in dry environment are	A. halophytes B. hydrophytes C. epiphytes D. xerophytes
5	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.
6	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
7	Which are not filtered through glomerular capillaries.	A. Blood cells B. Proteins C. Both a and b D. Urea
8	Play role is maintaining body temperature.	A. Lungs B. Skin C. kidneys D. Ear
9	What is the function of the ureter?	A. To store urine. B. To carry urine from the kidney to the bladder C. To carry urine out of the body D. To remove waste from the blood
10	The concave part of the kidney is toward.	A. Upper B. Lower C. Toward vertebral column D. Away from vertebral column
11	Example of hydrophyte plants is.	A. Grass B. Sea grass C. Catus D. Water lilly
12	Ribs which protect the kidneys are.	A. First two B. Last two C. Middle D. Last four
13	Which process is primarily responsible for the removal of excess water from plant leaves in the form of water vapor?	A. Respiration B. Photosynthesis C. Transpiration D. Absorption
		A. Large, broad leaves with many stomata B. Small, narrow leaves with many stomata C. Small, broad leaves with many stomata D. Large, narrow leaves with many stomata

14	Xerophytes, plants adapted to dry environments, often exhibit which of the following features to conserve water?	<p>B. Thin cuticle and shallow root system</p> <p>C. Sunken stomata, thick cuticle, and reduced leaf surface area</p> <p>D. Presence of pneumatophores</p>
15	It plays important role in keeping body temperature constant:	<p>A. kidney</p> <p>B. skin</p> <p>C. liver</p> <p>D. lungs</p>
16	The average life for donated kidney is.	<p>A. 1-5 years</p> <p>B. 5-10 years</p> <p>C. 10-15 years</p> <p>D. 15-20 years</p>
17	The weight of human kidney is about.	<p>A. 5 g</p> <p>B. 10 g</p> <p>C. 17 g</p> <p>D. 27 g</p>
18	A kidney transplant involves replacing a diseased kidney with a healthy kidney from a donor. What is a major challenge after a kidney transplant?	<p>A. High risk of developing kidney stones in the new kidney</p> <p>B. Need for lifelong immunosuppressant medication</p> <p>C. Inability to consume water</p> <p>D. Complete recovery of natural kidney function without medication</p>
19	Which organ filter the blood.	<p>A. Intestine</p> <p>B. Kidney</p> <p>C. Stomach</p> <p>D. Brain</p>
20	The longitudinal section of kidney shows the outer part.	<p>A. Renal cortex</p> <p>B. Renal medulla</p> <p>C. Renal Pyramids</p> <p>D. renal Pelvis</p>