

## Homeostasis

Sr	Questions	Answers Choice
1	Which of the following is a common symptom of kidney stones?	A. Increased appetite B. Severe pain in the lower back or side C. Clear urine with no odor D. High fever with skin rash
2	Cactus plant is.	A. Hydrophyte B. Xerophyte C. Halophyte D. Mesophyte
3	The functional unit of kidney is called.	A. Renal Pelvis B. Nephron C. Bowman's capsule D. Renal Medulla
4	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
5	What waste products are excreted by kidneys?	A. Urea, water & salts B. Salts, water and carbon dioxide C. Urea & Water D. Urea & salts.
6	In which succulent organs present?	A. Hydrophytes B. Mesophytes C. Xerophytes D. Halophytes
7	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
8	The normal body temperature of man is:	A. 27°C B. 37°C C. 47°C D. 57°C
9	Human Urinary system consists of.	A. Kidneys B. Ureter C. Urinary bladder D. All of these
10	the depression near the centre of concave area of kidney is called.	A. Cortex B. Hilus C. Medulla D. Pyramids
11	Example of hydrophyte plants is.	A. Grass B. Sea grass C. Catus D. Water lilly
12	Normal pH of blood is maintained at.	A. 7.35 -7.40 B. 7.35-7.45 C. 7.30-7.40 D. 7.30-7.45
13	The loss of water in the form drops from tips of leaf is called.	A. Evaporation B. Transpiration C. Guttation D. Excretion
14	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

15	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>
16	Which tube carries urine from the kidney to the urinary bladder?	<p>A. Urethra</p> <p>B. Ureter</p> <p>C. Renal artery</p> <p>D. Renal vein</p>
17	Urine contains the least amount of.	<p>A. Urea</p> <p>B. Sodium ions</p> <p>C. Water</p> <p>D. Potassium ion</p>
18	How many ureters take part in human excretory system:	<p>A. two</p> <p>B. one</p> <p>C. three</p> <p>D. five</p>
19	When the human body temperature rises above normal, which of the following is a homeostatic response to cool down?	<p>A. Shivering</p> <p>B. Vasoconstriction of blood vessels in the skin</p> <p>C. Increased sweat production</p> <p>D. Piloerection (goosebumps)</p>
20	Maintenance of balance in the amounts of water minerals, temperature and glucose in body is called.	<p>A. Excretion</p> <p>B. Tubular secretion</p> <p>C. Homeostasis</p> <p>D. Reabsorption</p>