

## Homeostasis

Sr	Questions	Answers Choice
1	Which of the following processes is crucial for maintaining water balance and temperature regulation in plants?	A. Photosynthesis B. Respiration C. Transpiration D. Pollination
2	When the human body temperature rises above normal, which of the following is a homeostatic response to cool down?	A. Shivering B. Vasoconstriction of blood vessels in the skin C. Increased sweat production D. Piloerection (goosebumps)
3	A condition characterized by the presence of blood in the urine, often indicating a kidney disorder, is known as:	A. Glycosuria B. Hematuria C. Polyuria D. Anuria
4	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
5	Play role is maintaining body temperature.	A. Lungs B. Skin C. kidneys D. Ear
6	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
7	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
8	A kidney transplant involves replacing a diseased kidney with a healthy kidney from a donor. What is a major challenge after a kidney transplant?	A. High risk of developing kidney stones in the new kidney B. Need for lifelong immunosuppressant medication C. Inability to consume water D. Complete recovery of natural kidney function without medication
9	Renal Pelvis is a part of	A. Kidney B. Heart C. Lungs D. Testes
10	The plants living in dry environment are	A. halophytes B. hydrophytes C. epiphytes D. xerophytes
11	The function of kidneys is;	A. urine formation B. food transport C. absorption of food D. removal of oxygen
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	Plays role in maintaining body temperature.	A. Lungs B. Skin C. Kidneys D. Ear
14	Which of the following is a common method used by plants to excrete metabolic waste	A. Active transport into the soil B. Storing them in vacuoles and shedding leaves C. ...

products, particularly when they accumulate in older, senescent parts?

- C. Converting them into useful nutrients
- D. Releasing them through root hairs

15 The process of guttation occurs in the plant.

- A. Pine
- B. Grass
- C. Keekar
- D. Rubber plant

16 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.

17 By drinking plenty of water how many stones can be avoided?

- A. 20%
- B. 30%
- C. 50%
- D. 90%

18 The weight of human kidney is about.

- A. 5 g
- B. 10 g
- C. 17 g
- D. 27 g

19 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

20 Which tube carries urine from the kidney to the urinary bladder?

- A. Urethra
- B. Ureter
- C. Renal artery
- D. Renal vein