

Homeostasis

Sr	Questions	Answers Choice
1	What is the primary definition of homeostasis in biology?	<p>A. The process of growth and development in an organism.</p> <p>B. The maintenance of a stable internal environment despite changes in the external environment.</p> <p>C. The breakdown of complex food molecules into simpler ones.</p> <p>D. The transmission of genetic information from parents to offspring.</p>
2	Core temperature of human body remains at about.	<p>A. 35 ^oC</p> <p>B. 36 ^oC</p> <p>C. 34 ^oC</p> <p>D. 37 ^oC</p>
3	Which human organ plays a crucial role in osmoregulation by filtering blood and producing urine?	<p>A. Liver</p> <p>B. Lungs</p> <p>C. Heart</p> <p>D. Kidneys</p>
4	Water lily is example of.	<p>A. Halophytes</p> <p>B. Hydrophytes</p> <p>C. Xerophytes</p> <p>D. Mesophyte</p>
5	In an adult man the average urine formation in a day is.	<p>A. 4 litre</p> <p>B. 1.3 litre</p> <p>C. 1.4 litre</p> <p>D. 3 litre</p>
6	Which would NOT be present in the filtrate entering the Bowman's capsule of nephron?	<p>A. Water</p> <p>B. Calcium ions</p> <p>C. Blood cells</p> <p>D. Urea</p>
7	The accumulation of urea and other nitrogenous waste products in the blood due to kidney failure is known as:	<p>A. Glycosuria</p> <p>B. Uremia</p> <p>C. Hematuria</p> <p>D. Albuminuria</p>
8	Rubber plant secretes.	<p>A. Rubber</p> <p>B. Latex</p> <p>C. Mucilage</p> <p>D. Resin</p>
9	Urine is temporarily stored in which of these until it is released from body.	<p>A. Kidney</p> <p>B. Ureter</p> <p>C. Urinary bladder</p> <p>D. Urethra</p>
10	the depression near the centre of concave area of kidney is called.	<p>A. Cortex</p> <p>B. Hilus</p> <p>C. Medulla</p> <p>D. Pyramids</p>
11	The plant which have broad leaves and a large.	<p>A. Hydrophytes</p> <p>B. Xerophytes</p> <p>C. Halophytes</p> <p>D. Bryophytes</p>
12	Plants excrete various waste products. Which of the following is a primary method for eliminating excess water and some metabolic wastes?	<p>A. Forming urine</p> <p>B. Storing wastes in specialized excretory organs</p> <p>C. Guttation and transpiration</p> <p>D. Releasing wastes through root hairs</p>
13	Which organ filter the blood.	<p>A. Intestine</p> <p>B. Kidney</p> <p>C. Stomach</p> <p>D. Brain</p>
14	Besides protecting the body, the skin contributes to homeostasis primarily through which of	<p>A. Producing digestive enzymes</p> <p>B. Regulating blood glucose levels</p> <p>C. Excreting excess salts and water</p>

	these functions?	<p>through sweat</p> <p>D. Filtering toxins directly from the blood</p>
15	The chemical composition of glomerulus filtrate is:	<p>A. Water + salts + glucose + urea</p> <p>B. salts + glucose + blood cells</p> <p>C. blood cells + proteins + water</p> <p>D. glucose + urea + proteins + water</p>
16	Resin as waste materials, is excreted from.	<p>A. Conifers</p> <p>B. Tomato</p> <p>C. Kikar</p> <p>D. Rubber</p>
17	Thermoregulation is the process by which the body maintains a constant internal temperature. Which of the following is an effector response to high body temperature?	<p>A. Shivering to generate heat.</p> <p>B. Constriction of blood vessels in the skin.</p> <p>C. Sweating to release heat.</p> <p>D. Increased metabolic rate.</p>
18	The loss of water from plant surface in the form of vapours is called.	<p>A. Transpiration</p> <p>B. Guttation</p> <p>C. Excretion</p> <p>D. Thermoregulation</p>
19	During lithotripsy stone is removed by.	<p>A. Surgery</p> <p>B. Medicines</p> <p>C. Electrical Shock waves</p> <p>D. Non-Electrical shock waves</p>
20	The two main functions of sweat are.	<p>A. To keep the body cool and to remove excess proteins.</p> <p>B. To keep the body warm and to filter the blood</p> <p>C. To filter the blood and the remove waste product</p> <p>D. To remove waste products and to cool the body.</p>