

Free pdf Chapter 44 osmoregulation and excretion answers

(2023)

sample answer both the alveoli and the nephrons are tiny functional units within a larger organ that take wastes from the blood and excrete them the alveoli are in the lungs and excrete waste gases while the nephrons are in the kidneys and excrete wastes in urine the excretory system the excretory system removes metabolic wastes from the body the major organs of excretion are the kidneys a pair of bean shaped organs located below the liver the kidneys filter blood and regulate water balance in the body excretion is the removal of the waste substances of metabolic reactions the chemical reactions that take place inside cells toxic materials and substances in excess of requirements carbon dioxide must be excreted as it dissolves in water easily to form an acidic solution which can lower the ph of cells organs of excretion include the skin liver large intestine lungs and kidneys all of them excrete wastes and together they make up the excretory system the skin plays a role in excretion through the production of sweat by sweat glands explain the importance of excreting carbon dioxide how did you do questions and model answers on 13 1 excretion in humans for the cie igcse biology syllabus written by the biology experts at save my exams key points on human excretory system human excretory system includes organs that facilitate the removal of nitrogenous wastes from the body the main excretory organs include kidney ureter urinary bladder and urethra kidneys filter the blood and urine is the filtrate obtained excretion is the process of removing wastes and excess water from the body it is one of the major ways the body maintains homeostasis although the kidneys are the main organs of excretion several other organs also excrete wastes they include the large intestine liver skin and lungs excretory system practice questions 1 1 the diagram represents a microscopic view of a functional unit of a kidney in a kidney which blood component would not usually pass through the membranes from region a to region b a red blood cells b mineral salts c urea d water 2 explain the human excretory system answers human excretory system a in humans the excretory system consists of a pair of kidneys a pair of ureters urinary bladder and urethra b kidneys are two bean shaped organs lying at the back of the abdomen one on either side of the vertebral column kidney function and anatomy glomerular filtration in the nephron countercurrent multiplication in the kidney urination medium model answers 1a 2 marks the urinary system is responsible for the process of excretion define the term excretion how did you do view related notes 1b 3 marks carbon dioxide is one of the substances that is excreted by the body explain the importance of excreting carbon dioxide how did you do view related notes the digestive and excretory systems google classroom microsoft teams which of the following is considered an accessory organ of digestion choose 1 answer stomach 1 which of the following explains how the kidney concentrates urea in the renal tubules by selectively filtering urea out of the blood by reabsorbing water from the renal tubules by actively study with quizlet and memorize flashcards containing terms like osmoregulation excretion why are nitrogenous wastes associated with nucleic acids and proteins but not with lipids or carbohydrates and more here is a compilation of important objective type and fill in the blanks questions on excretion objective type questions write the correct answer number of the followings 1 the weight of each kidney in grams is about advertisements a 90 130 b 100 140 c 110 150 d 120 170 ans d 2 the length of each kidney in cm is about section 38 3 the excretory system pages 985 989 this section identifies the organs of the excretory system it also explains how the kidneys maintain homeostasis excretion page 985 1 the process by which metabolic wastes are eliminated is called excretion 2 list the three organs that make up the excretory system external respiration involves taking in air through the passageways of the respiratory system and exchanging gases in the alveoli of the lungs breathing involves contraction of the diaphragm the rush of air into the lungs relaxation of the diaphragm and air being pushed out of the lungs liquid composed of wastes that is filtered from the blood by the kidneys stored in the urinary bladder and eliminated through the urethra study with quizlet and memorize flashcards containing terms like alveoli trachea antibodies and more download free ncert solutions for class 11 biology chapter 19 excretory products and their elimination these ncert solutions provide step by step answers to all questions in the ncert textbook which of these is the correct sequence of urine moving through the urinary system need a hint a kidneys ureters bladder urethra

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sample answer both the alveoli and the nephrons are tiny functional units within a larger organ that take wastes from the blood and excrete them the alveoli are in the lungs and excrete waste gases while the nephrons are in the kidneys and excrete wastes in urine

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the excretory system the excretory system removes metabolic wastes from the body the major organs of excretion are the kidneys a pair of bean shaped organs located below the liver the kidneys filter blood and regulate water balance in the body

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excretion is the removal of the waste substances of metabolic reactions the chemical reactions that take place inside cells toxic materials and substances in excess of requirements carbon dioxide must be excreted as it dissolves in water easily to form an acidic solution which can lower the ph of cells

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organs of excretion include the skin liver large intestine lungs and kidneys all of them excrete wastes and together they make up the excretory system the skin plays a role in excretion through the production of sweat by sweat glands

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key points on human excretory system human excretory system includes organs that facilitate the removal of nitrogenous wastes from the body the main excretory organs include kidney ureter urinary bladder and urethra kidneys filter the blood and urine is the filtrate obtained

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excretion is the process of removing wastes and excess water from the body it is one of the major ways the body maintains homeostasis although the kidneys are the main organs of excretion several other organs also excrete wastes they include the large intestine liver skin and lungs

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explain the human excretory system answers human excretory system a in humans the excretory system consists of a pair of kidneys a pair of ureters urinary bladder and urethra b kidneys are two bean shaped organs lying at the back of the abdomen one on either side of the vertebral column

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the digestive and excretory systems google classroom microsoft teams which of the following is considered an accessory organ of digestion choose 1 answer stomach

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1 which of the following explains how the kidney concentrates urea in the renal tubules by selectively filtering urea out of the blood by reabsorbing water from the renal tubules by actively

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section 38 3 the excretory system pages 985 989 this section identifies the organs of the excretory system it also explains how the kidneys maintain homeostasis excretion page 985 1 the process by which metabolic wastes are eliminated is called excretion 2 list the three organs that make up the excretory system

chapter 37 respiration circulation and excretion

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external respiration involves taking in air through the passageways of the respiratory system and exchanging gases in the alveoli of the lungs breathing involves contraction of the diaphragm the rush of air into the lungs relaxation of the diaphragm and air being pushed out of the lungs

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liquid composed of wastes that is filtered from the blood by the kidneys stored in the urinary bladder and eliminated through the urethra study with quizlet and memorize flashcards containing terms like alveoli trachea antibodies and more

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which of these is the correct sequence of urine moving through the urinary system need a hint a kidneys ureters bladder urethra

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