DIGESTION AND EXCRETION BASED GENERAL SCIENCE MCQ PRACTICE QUESTIONS AND ANSWERS PDF WITH EXPLANATION

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Created By Careericons Team

- Q1. The process by which blood is purified in human body is called
- a) Haemolysis
- b) Dialysis
- c) Osmosis
- d) Paralysis

Q2. What amongst the following is responsible for the formation of stone in the human kidney?

- a) Calcium oxalate
- b) Calcium acetate
- c) Sodium acetate
- d) Sodium benzoate
- Q3. Cellulose and starch both are made up of
- a) (-) fructose
- b) (+) glucose
- c) Both (A) and (B)
- d) (+) galactose

Q4. Assertion (A):

In human body, the liver has an important role in fat digestion. **Reason (R):** Liver produces two important fat-digesting enzymes. Code

- a) Both (A) and (R) are true, but (R) is not the correct explanation of (A)
- b) Both (A) and (R) are true and (R) is the correct explanation of (A)
- c) (A) is true, but (R) is false
- d) (A) is false, but (R) is true

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Q5. Which one of the following is not a digestive enzyme in the human system?

- a) Gastrin
- b) Trypsin
- c) Ptyalin
- d) Pepsin

Q6. Enzymes are basically

- a) Sugars
- b) Fats
- c) Proteins
- d) Vitamins

Q7. Identify the correct pair of enzyme and its function.

- a) E. coli restriction endonucleasell Cuts DNA at specific places
- b) Acid phosphatase Mitochondrial marker enzymes related to oxidative functions
- c) Acrosin Cortical granules of ovum secrete it to prevent polyspermic fertilization
- d) Succinic dehydrogenase Lysosomal marker enzyme, hydrolyses metabolites

Q8. Digestion of Lipids takes place in the presence of some of the following.

- Bile acids
- Lipases
- Pepsin

Of these a) Only 1 and 3 are correct

- b) Only 1 is correct
- c) Only 1 and 2 are correct
- d) 1, 2 and 3 are correct

Q9. Assertion (A):

All the proteins in our food are digested in small intestine only.

Reason (R):

The proteindigesting enzyme from the pancreas are released into the small intestine.

Code

- a) Both (A) and (R) are true, but (R) is not the correct explanation of (A)
- b) Both (A) and (R) are true and (R) is the correct explanation of (A)
- c) (A) is true, but (R) is false
- d) (A) is false, but (R) is true

Q10. When kidneys fail to function, there is accumulation of

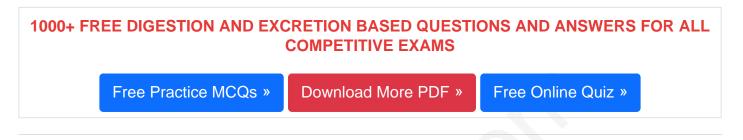
- a) Proteins in the body
- b) Fats in the body
- c) Sugar in the blood
- d) Nitrogenous waste products in the blood

Q11. The stones present in the gall bladder affect the digestion of

- a) Fat
- b) Protein
- c) Carbohydrate

Q12. Substances which are responsible for catalysing chemical reactions in living systems are

- a) DNA
- b) Bacteria
- c) Enzymes
- d) Proteins



Q13. Given below are two statements.

Assertion (A):

Human body is incapable of digesting cellulose.

Reason (R):

Starch degrading enzyme, diastase, is found in human body.

Choose the correct answer from the code given below.

Code

a) Both (A) and (R) are true, but (R) is not the correct explanation of (A)

b) Both (A) and (R) are true and (R) is the correct explanation of (A)

c) (A) is true, but (R) is false

d) (A) is false, but (R) is true

Q14. Enzyme is a

- a) Bacterium
- b) Vitamin
- c) Bio-catalyst
- d) Virus

Q15. With reference to the work of human kidney, consider the following statements.

- After the waste is removed in the kidney, the cleaner blood is sent back through renal artery.
- From Bowman's capsule, the filtered liquid passes through tiny tubes where much of the glucose is reabsorbed and sent back to the blood in the renal vein.

Which of these statements is/are correct? a) Only 2

b) Only 1

c) Both 1 and 2

d) Neither 1 nor 2

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Answers to the above questions :

Q1. Answer: (b)

Q2. Answer: (a)

Q3. Answer: (b)

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Q4. Answer: (c)

Q5. Answer: (a)
Q6. Answer: (c)
Q7. Answer: (a)
Q8. Answer: (c)
Q9. Answer: (d)
Q10. Answer: (d)
Q11. Answer: (a)
Q12. Answer: (c)
Q13. Answer: (a)
Q14. Answer: (c)

Q15. Answer: (c)

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