

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

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**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

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**Q6.** Enzymes are basically

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

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

- a) E. coli restriction endonucleaseII - 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

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**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

d) Nucleic acid

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

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

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**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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