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## COMMON QUARTERLY EXAMINATION - 2023

### MODEL QUESTION PAPER – 2

SUBJECT: ZOOLOGY

TIME: 3:00 hrs

CLASS: XI

MAX-MARKS: 70

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**Instructions:**

- Check the question paper for fairness of printing.
- If there is any lack of fairness, inform the Hall Supervisor immediately.
- Use blue or black ink to write and underline and pencil to draw diagrams.

#### SECTION – A

Choose the most suitable answer from the given four alternatives and write the option code and the corresponding answer. 15 x 1 = 15

1. The type of fibres found in connective tissue matrix is - - - - -
  - a) Collagen
  - b) Areolar
  - c) cartilage
  - d) Tubular
2. Read the following statements and choose the correct option.  
**Assertion: A: Large intestine also shows the presence of villi like small intestine.**  
**Reason: R: Absorption of water takes place in large intestine.**
  - a) Both A and R are true and R is the correct explanation of A.
  - b) Both A and R are true and R is not the correct explanation of A.
  - c) A is true But R is false
  - d) A is false But R is true.
3. Match the column I with column II regarding the respiratory volume and their definitions, and choose the correctly paired option.  

COLUMN – I	COLUMN - II
P) IC	i) maximum volume of air that can be moved out during a single breath following a maximal inspiration.
Q) EC	ii) total volume of air a person can inhale after normal expiration.
R) VC	iii) volume of air remaining in the lungs after a forceful expiration.
S) FRC	iv) total volume of air a person can exhale after normal inspiration.

  - a) P–I, Q–ii, R–iii, S–iv
  - b) P–ii, Q–iii, R–iv, S–I
  - c) P–ii, Q–iv, R–I, S–iii
  - d) P–iii, Q–iv, R–I, S–ii
4. Excretory product of birds and reptiles is
  - a) urea
  - b) uric acid
  - c) Ammonia
  - d) creatine
5. The net pressure gradient that causes the fluid to filter out the glomerulus into the capsule is
  - a) 50 mmHg
  - b) 75mmHg
  - c) 10 mmHg
  - d) 30mmHg
6. Buccopharyngeal respiration in frog
  - a) is increased when nostrils are closed
  - b) Stops when there is pulmonary respiration
  - c) is increased when it is catching fly
  - d) stops when mouth is opened
7. Excretory waste of birds and reptiles are
  - a) Ammonia and uric acid
  - b) Ammonia
  - c) Uric acid
  - d) urea
8. Match column I with column II and choose the correct option  

Column – I	Column – II
P) Lipase	i) Starch
Q) Pepsin	ii) Cassein
R) Renin	iii) Protein
S) Ptyalin	iv) Lipid

  - a) ( P - iv ) ( Q - ii ) ( R - i ) ( S - iii )
  - b) ( P - iii ) ( Q - iv ) ( R - ii ) ( S - i )
  - c) ( P - iv ) ( Q - iii ) ( R - ii ) ( S - i )
  - d) ( P - iii ) ( Q - ii ) ( R - iv ) ( S - i )
9. Which of the following is not true regarding intestinal villi?
  - a) They possess microvilli.
  - b) They increase the surface area.
  - c) They are supplied with capillaries and the lacteal vessels.
  - d) They only participate in digestion of fats.
10. Chloride shift is required for transport of
  - a) Nitrogen
  - b) Oxygen
  - c) Carbon dioxide
  - d) Carbon dioxide and oxygen



