

BIO306

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1. Which of the following statements is TRUE about the excretory organ of snail?

The excretory organs are in the form of kidneys and pericardial glands

The kidneys are mesodermal organs which communicate with the coelom

The nitrogenous wastes are eliminated in the form of guanine

--->> All of the options

2. The mixture of blood and fluid that surround the cells of African giant snail is called

--->> Haemolymph

Lymphocyte

Thrombocyte

Haemocytes

3. During exercise, there is an increased flow of blood to which part of the body?

Brain

Kidney

--->> Skin

Mouth

4. Which of the following statements is TRUE about cardiac cycle?

The volume of blood leaving the left side of the heart is greater than that leaving the right side.

The pressure of blood leaving the right side of the heart is greater than that leaving the left side.

The duration of systole is greater than that of diastole.

--->> The duration of diastole is greater than that of systole

5. The nitrogenous waste products secreted by cockroaches contains

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Urea

Nitrous acids

Trimethylamine oxide

6. _____ is the process by which the kidney develops is described as

Kidneogenesis

--->> Nephrogenesis

Osteogenesis

Glomerulosis

7. Each pronephric duct grows towards the tail of the embryo, and in doing so induces intermediate mesoderm in the thoracolumbar area to become epithelial tubules called

--->> Mesonephric tubules

Wolffian Duct

Ureteric bud

None of the options

8. The "master gland" of the endocrine system is called

--->> The Pituitary gland

The testis

The Loop of Henle

The Pancreas

9. Marine teleost fishes excrete a large proportion of their nitrogen as

Methane

Ammonia

Urea

--->> Trimethylamine oxide

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--->> The renal corpuscle

Malpighian body

Glomerulus

Bowman's capsule

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