

Examrace

Competitive Exams: Zoology MCQs (Practice_Test 44 of 112)

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1. The pollen basket in honeybee is located at the
 - a. lower side of the abdomen
 - b. tip of antenna
 - c. tarsus of first leg
 - d. tibia of third leg

2. Consider the following statements: The most important role of folic acid in promoting growth is through
 - a. conversion of decarboxylated pyruvic acid into acetyl CoA
 - b. synthesis of purines and thymine essential for DNA synthesis
 - c. calcium deposition in bones

Which of the statements given above is/are correct?

- a. 1 and 2 only
 - b. 2 only
 - c. 1 and 3 only
 - d. 3 only
3. Which one of the following sensations is not generated by impulses initiated in naked nerve endings?
 - a. Touch
 - b. Pain
 - c. Cold
 - d. Taste

4. Match List-I (Organism) with List-II (Excretion) and select the correct answer using the code given below the

List-I	List-II
A. Shark	1. Uric acid

B. Lizard	2. Urea
C. Rat	3. Ammonia

A B C

- a. 3 1 2
- b. 2 1 3
- c. 3 2 1
- d. 1 3 2
5. In glycolysis, which enzyme acts on 2-phosphoglycerate to form phosphoenol pyruvate?
- Aldolase
 - Enolase
 - Phosphoglycerokinase
 - Phosphoglyceromutase
6. In the vertebrates, the hormones which control osmoregulation are
- vasopressin and thyrotropin
 - aldosterone and corticotropin
 - thyrotropin and corticotropin
 - asopressin and aldosterone
7. Which one of the following vitamins is the precursor of coenzyme A?
- Pantothenic acid
 - Pyridoxamine
 - Riboflavin
 - Thiamine
8. Nicotinic acid can be synthesized biologically from
- glutamic acid
 - aspartic acid
 - tyrosine

d. tryptophan

9. Which reference to mitochondrial Electron Transport Chain which one of the following statements is correct?

- a. Ubiquinone can carry two electrons and two protons simultaneously
- b. The electrons that each molecule of NADH contributes to the mitochondrial electron transport chain provide enough power to create two ATPs
- c. The contribution of FADH₂ provides enough power for the production of three ATPs
- d. Cytochrome b and cytochrome c₁ are parts of an enzyme complex known as cytochrome oxidase

10. Consider the following statements

- a. ATP cannot be stored in the cell.
- b. ATP can be moved from one cell to another.
- c. NAD⁺ picks up two electrons at once.

Which of the statements given above is/are correct?

- a. 1 only
- b. 2 and 3 only
- c. 1 and 3 only
- d. 1,2 and 3

11. Which one of the following hormones controls gluconeogenesis?

- a. Thyroxine
- b. Insulin
- c. Cortisol
- d. Glucagon

12. Dietary carotenes and carotenoids are absorbed and transported in the plasma of higher mammals by

- a. albumins
- b. globulins
- c. lipoproteins
- d. glycoproteins

13. Consider the following conditions

- a. Enlarged thyroid
- b. Protruding eyeballs
- c. Decreased blood sugar

Which of the above is/are the symptom (s) of Graves disease?

- a. 1 and 2 only
- b. 2 only
- c. 1 and 3 only
- d. 1,2 and 3

14. Consider the following statements In citric acid cycle

- a. The generation of ATP is done at two steps
- b. NAD is reduced to NADH at two steps
- c. FAD + is reduced to FADH₂ at one step

Which of the statements given above is/are correct?

- a. 1 and 2 only
- b. 3 only
- c. 1 and 3 only
- d. 1,2 and 3

15. Proteins also release the energy in our body but before that their deamination is carried out in

- a. spleen
- b. muscles
- c. lungs
- d. liver