

Examrace

Competitive Exams: Zoology MCQs (Practice_Test 16 of 112)

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1. Pantothenic acid is a constituent of the coenzyme involved in
 - a. acetylation
 - b. decarboxylation
 - c. oxidation
 - d. reduction
2. Compared to resting stage, vigorously contracting muscle shows
 - a. increased conversion of pyruvate to lactate
 - b. decreased NADH/NAD + ratio
 - c. decreased AMP concentration
 - d. decreased Level of fructose 2, 6-biphosphate
3. Consider the following enzymes of glycolytic pathway:
 - a. Glyceraldehyde-3-phosphate dehydrogenase
 - b. Enolase
 - c. Pyruvate kinase
 - d. Phosphoglycerate kinase

The correct order in which they appear in the pathway is

- a. 2, 1, 4, 3
 - b. 3, 2, 1, 4
 - c. 4, 3, 2, 1
 - d. 1, 4, 2, 3
4. Out of the following, which is the rate limiting enzyme in glycolysis?
 - a. Pyruvate kinase
 - b. Phosphofructo kinase
 - c. Phosphogluco isomerase

- d. Gluco kinase
5. The postovulatory regression of the corpus luteum is caused by
- a decrease in LH secretion
 - a decrease in FSH secretion
 - reduction in the steroidogenic capacity of the corpus luteum
 - luteum
 - an increase in HCG secretion
6. When parathyroid gland is surgically removed from a mammal, the blood level of
- calcium and phosphorus increase
 - calcium and phosphorus decrease
 - calcium increases while that of phosphorus decreases
 - calcium decreases while that of phosphorus increases.
7. Which one of the following is NOT a neuropeptide hormone?
- ADH
 - Oxytocin
 - Somatostatin
 - TRH
8. Which one of the following statements is correct?
- Simple lipids are esters of fatty acids with various alcohols
 - Complex lipids are esters of fatty acids with various alcohols
 - Phospholipids contain only fatty acids and an alcohol
 - Neutral Lipids. Are cholesterols and waxes
9. Which one of the following pairs is NOT correctly matched?
- Bioluminescent polychaete—Chaetopterus
 - Protrusible pharynx with strong teeth—Nereis
 - Trochophore larva—Megascolex
 - Metameric segmentation—Hirudinaria

10. Which one of the following establishes a commensal association with Eupagurus living in a gastropod shell?
- a. Adamsia
 - b. Zoochlorella
 - c. Aurelia
 - d. Ctenoplana
11. Which one of the following is a siphonophore and exhibits polymorphism?
- a. Plumularia
 - b. Gorgonia
 - c. Alcyonium
 - d. Parpita
12. Pedicellariae in echinoderms serve as
- a. defence and cleansing organs
 - b. filtering and gustatory organs
 - c. Gustatory and locomotory organs
 - d. organs of locomotion and food capture
13. Ammocoetes larva is characteristic of
- a. eel
 - b. lampreys
 - c. Hagfishes
 - d. Coelacanth
14. Wheel organ and Hatschek's pit are present in
- a. Myxine
 - b. Petromyzon
 - c. Herdmania
 - d. Branchiostoma
15. Which one of the following is neither a fish nor a snake but an amphibian?
- a. Anguilla

b. Typhlops

c. Ophiosaurus

d. Ichthyaphis

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