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Competitive Exams: Zoology MCQs (Practice_Test 41 of 112)

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1. The epididymis in viviparous mammals mainly helps in the
 - a. transport of sperms only
 - b. maturation of sperms only
 - c. storage and transport of sperms
 - d. maturation and storage of sperms
2. In frog, eye lens develops
 - a. ectoderm
 - b. mesoderm
 - c. endoderm
 - d. mesenchyme
3. Which one of the following is the characteristic of ascidian?
 - a. Elongated tail
 - b. Large notochord
 - c. Enlarged pharynx
 - d. Well-developed statocyst
4. Consider the following processes:
 - a. Involution
 - b. Epiboly
 - c. Invagination

Which of the above accomplish the gastrulation in frog?

- a. 1 and 2 only

- b. 2 and 3 only
 - c. 1 and 3 only
 - d. 1,2 and 3
5. The formation and the directionality of the primitive streak is under the control of
- a. blastocoel
 - b. hypoblast
 - c. somite
 - d. primitive pit
6. The primary organizer in amphibian embryo is
- a. ventral lip of blastopore
 - b. anterior lip of blastopore
 - c. dorsal lip of blastopore
 - d. posterior lip of blastopore
7. The pattern of implantation of the blastocyst in guinea pig, ape and man is
- a. superficial
 - b. interstitial
 - c. central
 - d. eccentric
8. Which one of the following types of egg is produced by Eutherian mammals?
- a. Mesolecithal
 - b. Microlecithal
 - c. Centrolecithal
 - d. Telolecithal
9. The most primitive type of placenta in mammals is known as
- a. Epithelia-chorial
 - b. Haemo-chorial
 - c. Endothelio-chorial
 - d. Haemo-endothelial
10. With reference to the development of allantois in mammals, consider the following statements

- a. It is composed of endoderm and splanchnic mesoderm.
- b. As it grows, mesodermal components of allantoic wall give rise to the blood vessel system of the allantois and fuse with mesoderm of chorion.
- c. Allantois of mammals supplies oxygen and nutrients to the embryo.

Which of the statements given above are correct?

- a. 1 and 2 only
 - b. 2 and 3 only
 - c. 1 and 3 only
 - d. 1,2 and 3
11. Consider the following statements:
- a. Haemophilia is determined by sexlinked recessive gene.
 - b. Haemophilia is known only in males; and females homozygous for this gene are unknown.

Which of the statements given above is/are correct?

- a. 1 only
- b. 2 only
- c. Both 1 and 2
- d. Neither 1 nor 2

ZOOLOGY

12. Who of the following proposed the theory that all organs of an individual produce minute particles carrying information about the organs?
- a. Wallace
 - b. Darwin
 - c. Lamarck
 - d. Huxley
13. Neo-Lamarckism is getting a new life with the discovery of:
- a. RNA interference
 - b. Epistasis
 - c. Genetic imprinting
 - d. Paedomorphosis

14. Consider the following:

- a. Alanine
- b. Glycine
- c. Aspartic acid

Which of the above amino acids were produced in Miller's experiment to produce organic molecules from the gaseous composition of early/primitive atmosphere of earth?

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

15. Golden langur (*Prbwtis gee*,) is naturally found in which one of Wildlife Sanctuaries/National Parks?

- a. Periyar
- b. Sanska
- c. Manas
- d. Sasan Gir

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