

## Chapter # 24

## → EVOLUTION

1. Gradual development of something is:
 

A) Existence	B) Ecosystem
C) <b>Evolution</b>	D) Natural Selection
E) Revolution	
  
2. It is believed that life may have begun deep in the water especially in hot spring called:
 

A) <b>Hydrothermal vent</b>	B) Epidermal vent
C) Hypothermal vent	D) Hydropressure vent
E) All are correct	
  
3. Theory of organic evolution based on the principle of "Use and disuse of organ" is now considered as:
 

A) Survival of the fittest	B) Inheritance of two traits
C) Theory of Natural Selection	D) <b>inheritance of acquired characters</b>
E) Theory of origin of species	
  
4. "Small changes through successive generations promote the origin of new organs or characters, which are transmitted to its offspring in the next generation". This is called:
 

A) Survival of the fittest	B) inheritance of two traits
C) Theory of Natural Sciectioin	D) Theory of origin of species
E) <b>Inheritance of acquired characters</b>	
  
5. Lamarck's theory was strongly opposed criticized and rejected by:
 

A) <b>Weismann</b>	B) Darwin
C) Zimmermann	D) T.H.Morgan
E) Gregor Johann Mendcl	
  
6. Lamarks theory based on following points except:
 

A) Effects of environment	B) Use and disuse of organs
C) <b>Natural Selection</b>	D) Inheritance of acquired characters
E) Evolution of Giraffe to support evolution theory	
  
7. Cells which differentiate into various tissues and form different organs of the body are:
 

A) Epithelial cells	B) Germ cells
C) Ectodermal cells	D) <b>Somatic cells</b>
E) All are incorrect	

## EVOLUTION

8. Cells remain undifferentiated, which later on give rise to egg cells or sperm cells are:
- A) Epithelial cells
  - B) Germ cells
  - C) Ectodermal cells
  - D) Somatic cells
  - E) Endodermal cells
9. "Theory of Natural Selection" was proposed by:
- A) Charles Darwin
  - B) Lamarck
  - C) T. H. Morgan
  - D) Gregor Johann Mendel
  - E) Weismann
10. Darwin's theory based on following points except:
- A) Struggle for existence
  - B) Over production
  - C) Inheritance of acquired characters
  - D) Survival of the fittest
  - E) Variations and heredity
11. "A logical result of over production is the severe competition for food and space and other necessities of life", what Darwin called the:
- A) Over production
  - B) Inheritance of Acquired Characters
  - C) Variations and Heredity
  - D) Survival of the fittest
  - E) Struggle for existence
12. Struggle between the individuals of same species having similar needs is:
- A) Inter specific struggle
  - B) Sub-specific struggle
  - C) Intra specific struggle
  - D) Environmental struggle
  - E) Occupational struggle
13. Struggle among the members of different species is:
- A) Inter specific struggle
  - B) Sub-specific struggle
  - C) Intra specific struggle
  - D) Environmental struggle
  - E) Pre-specific struggle
14. Struggle against the extreme forces of nature is:
- A) Inter specific struggle
  - B) Sub-specific struggle
  - C) Intra specific struggle
  - D) Environmental struggle
  - E) Occupational struggle
15. Darwin's theory based on following points except:
- A) Formation of new species
  - B) Struggle for existence
  - C) Variations and Heredity
  - D) Use and disuse of organs
  - E) Survival of the fittest

16. The theory of organic evolution given by Charles Darwin in:

- A) 1759
- B) 1766
- C) 1819
- D) 1834
- E) 1859

17. De Vries is known for his:

- A) Evolution Theory
- B) **Mutation Theory**
- C) Revolution Theory
- D) Selection Theory
- E) Theory of Variation

18. "Germinal Continuity Theory" was proposed by:

- A) Hutton
- B) Linark
- C) **Weismann**
- D) Darwin
- E) T.H.Morgan

19. A branch of biology in which various organisms showing resemblances have been classified is called:

- A) Histology
- B) Entomology
- C) Toxicology
- D) **Taxonomy**
- E) Anatomy

20. Archacopteryx was a fossil:

- A) Snake
- B) **Bird**
- C) Crocodile
- D) Fish
- E) Monkey

21. From evolutionary point of view birds come from:

- A) Echinoderins
- B) Sponges
- C) **Reptiles**
- D) Amphibians
- E) Mammals

22. Study of different species show close resemblance in their anatomy is:

- A) **Homology**
- B) Heterology
- C) Cytology
- D) Ichthyology
- E) Enzymology

23. Tail bone which is vestigial in man but well-developed in other vertebrates is:

- A) Femur
- B) Radius
- C) Ischium
- D) Sacrum
- E) **Coccyx**



## EVOLUTION

24. Vermiform Appendix in man is a small finger-Like reduced \_\_\_\_\_:
- A) Iluim
  - B) Rectum
  - C) Colon
  - D) Duodenum
  - E) Caecum
25. Membrane well-developed in birth to clean their eye-ball but highly reduced, folded & non-functional in man is:
- A) Conjunctival membrane
  - B) Nictitating membrane
  - C) Corneal membrane
  - D) Cribriform membrane
  - E) Pleural membrane
26. Artificial selection in breeding provides evidence for evolution is:
- A) Revolution
  - B) Insemination
  - C) Domestication
  - D) Degeneration
  - E) Deterioration
27. Kind of selection maintains the constancy of species over generation is:
- A) Solitary selection
  - B) Anifiial selection
  - C) Stabilizing selection
  - D) Domestication
  - E) Genetic selection
28. A more or less genetically isolated unit of population is known as:
- A) Deme
  - B) Beme
  - C) Heme
  - D) Mene
  - E) Zeme
29. The genetic constitution of a deme is known as:
- A) Gene population
  - B) Gene store
  - C) Gene accumulation
  - D) Gene pool
  - E) Gene set point
30. A branch of genetics that deals with the frequency, distribution and inheritance of alleles in population is:
- A) Allelic genetics
  - B) Inherited genetics
  - C) Population genetics
  - D) Evolutionary genetics
  - E) Distributory genetics
31. "Under stable conditions allelic frequencies and their genotype ratios remain constant generation after generation", this is:
- A) Lamarck's Inheritance of Acquired Chrcacters
  - B) Weismann's Germinal Continuity Theory
  - C) Hardy Weinberg Law of Equilibrium
  - D) Darwin's Theory of Organic Evolution
  - E) De Vries Mutation Theory

**32. Tests of blood sera have shown the relationship between Man and:**

- A) Goat
- B) Sheep
- C) Cats
- D) Bears
- E) Apes

**33. Muscles found vestigial in man:**

- A) Eye muscles
- B) Fingers muscles
- C) Nose muscles
- D) Ear muscles
- E) Scalp muscles

**34. "A process in which the fittest of an organism in its environment selects those traits that will be passed on with greater frequency from one generation to the next" is:**

- A) Theory of Acquired characteristics
- B) Theory of Origin of Species
- C) Theory of Natural Selection
- D) Mutation Theory
- E) Hardy Weinberg Law of Equilibrium

---

For More Notes, Mcqs, Online Quizzes

[ADAMJEECOACHING.BLOGSPOT.COM](http://ADAMJEECOACHING.BLOGSPOT.COM)