

1. Binomial nomenclature was developed by
 - A. Linnaeus
 - B. Mendel
 - C. Darwin
 - D. Deveris
2. What does ICBN stand for?
 - A. International Code of Botanical Nomenclature
 - B. International Code of Biological Naming
 - C. International Classification of Biological Nomenclature
 - D. International Class of Biologics' Nomenclature
3. Which one of the following is a basic unit of taxonomy ?
 - A. Species
 - B. Order
 - C. Genus
 - D. Class
4. Capsid is an envelope of
 - A. Virus
 - B. Bacteria
 - C. Protozoa
 - D. Sporozoa
5. Escherichia belongs to
 - A. Monera
 - B. Cnideria
 - C. Sponges
 - D. Nematoda
6. Kala-azar is transmitted by
 - A. Sandfly
 - B. Tse Tse fly
 - C. Morquito
 - D. Homefly
7. Paramecium is
 - A. Oval
 - B. Slipper animalcule
 - C. Ciliate
 - D. Parasite
8. Diatoms belong to
 - A. Euglinoids
 - B. Chrysophytes
 - C. Slim mould
 - D. Dinoflagelates
9. Rhizopus belongs to
 - A. Ascomycetes
 - B. Basidiomycetes
 - C. Phycomycetes
 - D. Deuteromycetes
10. Which of the following is a deadly mushroom?
 - A. Agaricus
 - B. Amantia
 - C. Pleurotus
 - D. None of Above
11. Which of the following is a walking fern?
 - A. Funaria
 - B. Adiantum caudatum
 - C. Aspergillous
 - D. None of above
12. Sea anemone has
 - A. Radial symmetry
 - B. Bilateral symmetry
 - C. Spherical symmetry
 - D. Pentamerous symmetry
13. Canal system is a characteristic feature of
 - A. Coelentrata
 - B. Porifera
 - C. Mollusc
 - D. Arthropoda
14. Collar cells are characteristic of
 - A. Arthropoda
 - B. Protochordates
 - C. Sponges
 - D. Molluscs
15. Hyalonema is also known as
 - A. Glass rope sponge
 - B. Coral
 - C. Venus flower basket
 - D. Autotroph
16. Hydra is
 - A. Triploblastic
 - B. Diploblastic
 - C. Protozoan
 - D. None of above

17. Metridium has
A. Biradial symmetry
B. Spherical symmetry
C. Radial symmetry
D. Bilateral symmetry
18. Compound eyes are a characteristic of
A. Mollusc
B. Arthropoda
C. Annelida
D. None of above
19. Cockroach can be placed in
A. Echinodermata
B. Arthropoda
C. Mollusc
D. Annelida
20. Which of the following is a chordate?
A. Gold fish
B. Silver fish
C. Cuttle fish
D. Starfish
21. Placoid scales are present in
A. Carp
B. Dog fish
C. Trout
D. None of above
22. Hippocampus is commonly known as
A. Sea fan
B. Coral
C. Sea horse
D. Sea pen
23. Arrangement of leave is known as
A. Venation
B. Inflorescence
C. Phyllotaxy
D. None of above
24. Superior ovary is found in
A. Hypogynous flower
B. Perigynous flower
C. Both a & b
D. None of above
25. Jute fibres are made of
A. Xylem
B. Phloem fibres
C. Sclerids
D. Trichomes
26. Which of the following are bone forming cells?
A. Chondroblasts
B. Choanocytes
C. Osteoblasts
D. Porocytes
27. Ligaments are
A. Nervous tissue
B. Connective tissue
C. Muscular tissue
D. Epithelial tissue
28. Function of the ligament is to
A. Connect muscle to bone
B. Connect bone to bone
C. Connect muscle to skin
D. Connect muscle to muscle
29. Which is the largest bird?
A. Penguin
B. Kiwi
C. Ostrich
D. Emu
30. Development of fruit without fertilization is known as
A. Parthenocarpy
B. Parthenogenesis
C. Organogenesis
D. None of above
31. Pleiotropism refers to
A. Non allelic interaction
B. Multiple allelism
C. Allelic interaction
D. Single gene regulating several phenotypes
32. Four types of phenotypes in F_2 generation are possible in a
A. Monohybrid cross
B. Dihybrid cross
C. Trihybrid cross
D. None of above

33. Sex determination in birds is of
A. ZZ ZW type
B. XX XY type
C. XX XO type
D. None of above
34. Which of the following hormones stimulates sertoli cells
A. STH B. ACTH
C. Progesterone D. FSH
35. Leydig cells secrete
A. Progesterone
B. Testosterone
C. Estrogen
D. Adrenaline
36. Mast cells secrete
A. Histamine
B. Bile
C. Pepsin
D. Trypsin
37. Term gene was coined by
A. Mendel
B. Deveries
C. Darwin
D. Johannsen
38. Point mutation refers to
A. Change in a single base pair
B. Substitution
C. Transition
D. Insertion
39. Basis of evolution is
A. Species
B. Population
C. Individual
D. Cell
40. Shape of antibodies resemble which letter?
A. Y B. Z
C. K D. O
41. Which of the following is correctly matched?
A. Sericulture-Fish
B. Apiculture-Honey bee
C. Pisciculture-silk moth
D. Aquaculture-Mosquito
42. Which of the following hormones is used for inducing root culture?
A. Auxin
B. Gibberellins
C. Cytokinin
D. Ethylene
43. Plasmids are used in
A. Gene mapping
B. Gene cloning
C. Transcription
D. Replication
44. PCR is used in
A. DNA amplification
B. Replication
C. Protein synthesis
D. RNA synthesis
45. RNA is the genetic material of
A. Virus
B. Mammals
C. Birds
D. None of above
46. Benthos refers to
A. Organisms living at the bottom of lake
B. Organisms living in the surface of lake
C. Organisms living in the middle of lake
D. Organisms living in air
47. The term 'Ecosystem' was coined by
A. Huxely
B. Ernest Heckel
C. Odum
D. Tansely
48. Dachigam national park is located in
A. Gujarat B. Karnataka
C. J&K D. Assam
49. National bird of India is
A. Peacock B. Sparrow
C. Crow D. Myna
50. Blastopore means the opening of
A. Archenteron
B. Blastocoel
C. Coelentron
D. Coeloms