

NEET : CHAPTER WISE TEST-1**SUBJECT :- BIOLOGY****CLASS :- 11th****CHAPTER :- THE LIVING WORLD**

DATE.....

NAME.....

SECTION.....

(SECTION-A)

1. Living organisms can be said to be
(A) Self-replicating, non-interactive system
(B) Evolving self-replicating system
(C) Non-replicating, interactive system
(D) Non-evolving, non-replicating system
2. Living organisms show all the following properties, except
(A) Intrinsic growth
(B) Metabolism
(C) Cellular organization
(D) Reproduction
3. The sum total of chemical reactions occurring in our body is called
(A) Metabolism (B) Home
(C) Irritability (D) Catabolism
4. Select incorrect match pair w.r.t. mode of reproduction:
(A) Binary fission – Amoeba
(B) Regeneration – Planaria
(C) Endogenous bud – Moss protonema
(D) Budding – Saccharomyces
5. Read the following statements and select the correct option:
A. Thousands of metabolic reactions occurring simultaneously inside all living organisms, be they unicellular or multicellular.
B. Isolated metabolic reactions in vitro are living things but surely non-living reactions.
(A) Only (A) is correct
(B) Only (B) is correct
(C) Both (A) and (B) are correct
(D) Both (A) and (B) are incorrect
6. Which of the following is correct w.r.t reproduction in living organisms?
(A) Exclusive but defining feature
(B) Characteristic but non-defining feature
(C) Defining but non-exclusive feature
(D) Characteristic but defining feature
7. For all the given below organisms, reproduction is synonymous with growth, except
(A) Amoeba (B) Chlorella
(C) Salmonella (D) Musca
8. Which of the following is incorrect w.r.t. feature of life forms?
(A) Intrinsic growth–Defining property
(B) Sexual reproduction–Mule, worker bees
(C) Consciousness–All living organisms
(D) Self-consciousness–Aware of himself
9. The two events which are mutually inclusive in unicellular organisms are
(A) Reproductive and metabolism
(B) Cellular organization and consciousness
(C) Sensitivity and self-consciousness
(D) Growth and reproduction
10. Mark the correct statement:
(A) Only living organisms grow.
(B) In plants, the growth by cell division occurs only up to a certain age.
(C) The growth in living organisms is from inside.
(D) All of these.
11. Read the following statements carefully:
A. Planaria and worker bees exhibit an extraordinary ability of regeneration.
B. All organisms from prokaryotes to eukaryotes can sense and response to environment.
C. Photoperiod affect reproduction in seasonal breeders, both plant and animals.
D. Biology is the story of evolution of living organisms on earth.
How many statements is/are incorrect?
(A) Two (B) One
(C) Four (D) Three
12. Read the following statements and select the correct
A: Biodiversity is the number and type of organisms on earth.
R: Biodiversity differs from place to place.
(A) Only (A) is correct
(B) Only (B) is correct
(C) Both (A) and (B) are correct
(D) Both (A) and (B) are incorrect
13. Term taxonomy was coined by
(A) Caspar Bauhin
(B) Carolus Linnaeus
(C) Augustin Pyramus de Candolle
(D) John Ray

14. The correct series of procedure in classification of organism is
 (A) Classification, Nomenclature, Identification, Characterization
 (B) Nomenclature, Identification, Classification, Characterization
 (C) Characterization, Identification, Classification, Nomenclature
 (D) Characterization, Identification, Nomenclature, Classification
15. The practical significance of taxonomy is
 (A) Classification
 (B) To understand diversity
 (C) To understand evaluation
 (D) Identification of organisms
16. Classical taxonomy includes
 (A) Morphological features
 (B) Internal study
 (C) Ontogeny
 (D) Phylogeny
17. The scientific name of Brinjal is correctly written as
 (A) Solanum melongena
 (B) Solanum melongena
 (C) Solanum Melongena
 (D) Solanum melongena
18. Modern taxonomy is based on
 A. External and internal features
 B. Cell structure
 C. Developmental process and ecological information of organism
 Select the correct option:
 (A) (C) only (B) (B) and (C) only
 (C) (A) and (B) only (D) (A), (B) and (C)
19. All of the following are correct, regarding the universal rules of nomenclature, except
 (A) The first word of the biological name starts with a capital letter
 (B) Biological names are generally italics and written in Latin.
 (C) Both the words in a biological name, when handwritten are separately underlined
 (D) Name of the author is written after specific epithet.
20. ACZN stands for
 (A) International Code of Zoological Nomenclature
 (B) Indian Code for Zoological Names
 (C) International Congress of Zoological Nomenclature
 (D) Indian Code of Zoological Nomenclature
21. Statement A: The biological name of mango is written as *Mangifera indica* linn.
 Statement B: The abbreviation linn indicates that the name of this species was derived from latin language.
 (A) Only (A) is correct
 (B) Only (B) is correct
 (C) Both (A) and (B) are correct
 (D) Both (A) and (B) are incorrect
22. Which of the following is not included in taxonomy?
 (A) Identification (B) Classification
 (C) Phylogeny (D) Nomenclature
23. Mark the odd one out w.r.t. binomial epithet:
 (A) Generic name
 (B) Specific epithet
 (C) Author citation
 (D) Subspecies
24. Which of the following taxonomic category is smallest?
 (A) Species (B) Class
 (C) Division (D) Kingdom
25. Related families are included in the same order on the basis of
 (A) Habitat and leaf characters
 (B) Floral characters
 (C) Vegetative characters
 (D) Androecium characters only
26. The category class of human being is Mammalia and it is equivalent to housefly category
 (A) Arthropoda (B) Diptera
 (C) Insecta (D) Muscidae
27. In case of animals, classes with a few similar characters are assigned to a higher category called
 (A) Phylum (B) Order
 (C) Division (D) Family
28. Which of the following pairs, taxa are not grouped in the same pattern as the others are
 (A) Hominidae, Primata
 (B) Anacardiaceae, Sapindales
 (C) Muscidae, Diptera
 (D) Monocotyledonac, Poales

29. _____ gave most accepted biological concept of species.
 (A) Lamarck (B) Ernst Mayr
 (C) John Ray (D) Huxley
30. Animals like fishes, amphibians, reptiles, birds and mammals are placed in the same phylum Chordata. Select the common characters for placing them in same phylum:
 (A) Presence of dorsal solid neural system.
 (B) Presence of notochord.
 (C) Presence of vertical hollow neural system.
 (D) Both (A) and (B)
31. Find out the correct matches from the following pairs and select the option accordingly:
 (a) Poales order
 (b) Hominidae-class
 (c) Arthropoda-phylum
 (d) Diptera-Family
 (e) Angiospermae-Division
 (A) (a) and (c) only
 (B) (a), (c) and (e)
 (C) (b), (c) and (e)
 (D) (a), (b), (d) and (e)
32. Panthera and Solanum represent
 (A) Taxon at same category level
 (B) Monotypic genera
 (C) Same taxon of different category
 (D) Different taxon of different category
33. Which of the following suffixes used for unit of classification indicates a category of order?
 (A) ales (B) aceae
 (C) eae (D) opsida
34. Choose the correct option which has taxonomic categories of same hierarchy:
 (A) Muscidae, Anacardiaceae
 (B) Arthropoda, Mammalia
 (C) Diptera, Dicotyledona
 (D) Hominidae, Insecta
35. Read the statement carefully and select the correct option:
 A dog is a mammal and mammals are animals". In this statement dog, mammal and animal represent
 (A) Different category of same taxa
 (B) Different taxa at same level
 (C) Different taxa at different level
 (D) Taxa of kingdom, class and species, respectively

(SECTION-B)

36. In taxonomic hierarchy, given below organisms are representation of how many families Wheat, Rice, Sugarcane, Potato, Brinjal, Mango?
 (A) Three (B) Four
 (C) Two (D) Five
37. Various groups of related genera are placed in
 (A) Different families (B) Same family
 (C) Same species (D) Same class
38. Read the following statements carefully w.r.t. features of living organism and state them true (T) or False (F):
 A. Growth is seen only up to a certain age in animals.
 B. Reproduction is not shown by living organisms on earth.
 C. Metabolism can be regarded as defining feature of all living organisms.
 D. All living beings have self-consciousness.
- | | A | B | C | D |
|-----|---|---|---|---|
| (A) | T | T | T | F |
| (B) | F | T | T | F |
| (C) | F | F | T | T |
| (D) | F | F | T | T |
39. Awareness of the surrounding and response to external stimuli is
 (A) Shown by majority of higher plants and animals
 (B) Homeostasis
 (C) Defining property of living organisms
 (D) Both (B) and (C)
40. Systema Naturae was written by
 (A) Aristotle (B) Linnaeus
 (C) Lamarck (D) Theophrastus
41. Scientific name of brinjal is standardized through rule given is
 (A) ICZN (B) ICNB
 (C) ICBN (D) ICVN
42. Select the incorrect statements w.r.t. taxonomic keys:
 (A) Based on similarities and dissimilarities
 (B) Separate taxonomic keys are required for each taxonomic category
 (C) Used for identification of animals only.
 (D) Keys are generally analytical in nature.
43. Which of the following involves evolutionary relationships among different group of organisms?
 (A) Taxonomy (B) Classification
 (C) Nomenclature (D) Systematics

44. Taxonomic keys are generally____
A____ and are based On____ B____
characters.

A	B
(A) Analytical	Contrasting
(B) Non - Analytica	Contrasting
(C) Non-Analytical	Non–Contrasting
(D) Analytical	Non–Contrasting

45. Binomial nomenclature was first of used in
(A) Philosophia botanica
(B) Species plantarum
(C) Systema Naturae
(D) Micrographia

46. Which of the following is more general in
characters as compared to order?
(A) Family (B) Class
(C) Genus (D) Species

47. Complete the following analogy:
Triticum: Poales :: Mangifera:
(A) Polymoniales (B) Dicotyledonae
(C) Sapindales (D) Anacardiaceae

48. How many of the following taxon is/are
related to kingdom Plantae?
Solanum, Muscidae, Anacardiaceae,
Diptera, Chordata, Hominidae
(A) Two (B) One
(C) Four (D) Three

49. The category in which organisms of
related order are placed in
(A) Family (B) Division
(C) Class (D) Phylum

50. Taxonomic key is based on the contrasting
character, generally in a pair, and its each
statement is called
(A) Couplet (B) Lead
(C) Grade (D) Monograph

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