

NEET UG SPECIAL CHAPTER WISE TEST
NKB-02

Q. Types	: Easy	Moderate	Difficult	Total
Q. Number	: 20	20	10	50
Max. Marks	: 80	80	40	200

**ALL INDIA
TEST SERIES**
TOPIC-LIVING WORLD

Date	14/07/24
Time	50 minutes

INSTRUCTIONS-

- ❖ This test is purely based on pattern of NEET(UG)-2025
- ❖ Before attempting the question paper ensure that it contains all the pages and no question is missing.
- ❖ The important points to note:
 - Each question carries 04 (four) marks and, for each correct answer candidate will get 04 (four) marks.
 - For each incorrect answer, 01 (one) mark will be deducted from the total score.
 - To answer a question, the candidate has to find, for each question, the correct answer/ best option.
 - However, after the process of the challenge of key, if more than one option is found to be correct then all/any one of the multiple correct/best options marked will be given four marks (+4).
 - Unanswered/Unattempted questions will be given no marks. In case, a question is dropped/ ignored, all candidates will be given four marks (+4) irrespective of the fact whether the question has been attempted or not attempted by the candidate.

OUR EXPERT AND RESPECTED TEACHERS

PHYSICS	ISHAN SIR , ANJALI MAM , GUDIYA MAM,NITIN SIR
CHEMISTRY	ASHUTOSH SIR, MAHEK MAM, HIMANSHU SIR
BIOLOGY	KAPIL SIR , NITIN SIR , PRASHANT SIR,MAHEK MAM

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POWERED BY NITIN AND KAPIL

1. Which of the following is less general in characters as compared to genus

- (a) Species
- (b) Family
- (c) Class
- (d) Division

2. An attribute found in plants but not animals is

- (a) Metabolism
- (b) Sexual reproduction
- (c) Autotrophy
- (d) Asexual reproduction

3. ICBN stands for:

- (a) Indian Congress of Biological Names
- (b) International Code for Botanical Nomenclature
- (c) International Congress of Biological Names
- (d) Indian Code of Botanical Nomenclature

4. Which one of the following is not a correct statement?

- (a) Herbarium houses dried, pressed and preserved plant specimens
- (b) Botanical gardens have collection of living plants for reference
- (c) A museum has collection of photographs of plants and animals
- (d) Key is a taxonomic aid for identification of specimens

5. Evolutionary history of an organism is known as:

- (a) Phylogeny
- (b) Ancestry
- (c) Paleontology
- (d) Ontogeny

6. The most obvious & complicated feature of all living organisms is:

- (a) The ability to sense their surroundings or environment and respond to these environmental stimuli.
- (b) Reproduction - sexual or asexual - for production of progeny of own kind.
- (c) The ability to growth in size due to cell division.
- (d) Presence of complex organs systems such as digestive and nervous system.

7. The scientific term for biological classification categories is the:

- (a) Species
- (b) Taxon
- (c) Phylum
- (d) Domain

8. Which of the following features can be said to be a true defining feature of living beings without any exception?

- (a) They can digest their food
- (b) All of them can reproduce
- (c) They can regenerate
- (d) They can respond to external stimuli

9. *Nicotiana sylvestris* flowers only during long days and *N.tabacum* flowers only during short days. If raised in the laboratory under different photoperiods, they can be induced to flower at the same time and can be cross-fertilized to produce self-fertile offspring. What is the best reason for considering *N.sylvestris* and *N.tabacum* to be separation species?

- (a) They cannot Interbreed in nature
- (b) They are reproductively distinct
- (c) They are physiologically distinct
- (d) They are morphologically distinct

10. It is technically complicated to respond to which type of environmental stimuli?

- (a) Chemical
- (b) Biological
- (c) Physical

(d) All of the above

11. What is defining property of the living organisms?

- a. Consciousness
- b. Reproduction
- c. Growth
- d. Metabolism

12. Match the following columns and select the correct option

	Column I		Column II
A	Panthera tigris	i)	Mango
B	Mangifera indica	ii)	Common Indian frog
C	Musca domestica	iii)	Cockroach
D	Periplaneta americana	iv)	Tiger
E	Rana tigerina	v)	House fly

- (a) A - (ii), B - (v), C - (i), D - (iii), E - (iv)
- (b) A - (iv), B - (i), C - (v), D - (iii), E - (ii)
- (c) A - (ii), B - (v), C - (iii), D - (i), E - (iv)
- (d) A - (iv), B - (i), C - (v), D - (ii), E - (iii)

13. The most obvious and technically complicated feature of all living organisms would be-

- a. Sensing stimuli and responding to it.
- b. Metabolism
- c. Reproduction
- d. Defence

14. If we define Self-consciousness as the defining property of Human beings, what can be the exception to it?

- a. Blind people
- b. Autistic child
- c. Coma Patient
- d. Heart Patient

15. Established procedures to assign a scientific name are

- a. Acceptable to biologists of USA
- b. Acceptable to biologists of India
- c. Acceptable to biologists of Germany
- d. Acceptable to biologists of all over world.

16. Scientific name does not ensure

- a. Each organism has only one name
- b. Description of any organism lead to the same name of organism in any part of the world
- c. No two organisms have the same name
- d. Status of threat of extinction of that organism holding a specific scientific name.

17. ICZN stands for

- a. International Code of Zoosporic Nomenclature
- b. International Code of Zygotic Nomenclature
- c. International Code of Zoological Nomenclature
- d. International Code of Zoosporangia Nomenclature

18. Name of the author is not written in which of the following way?

- a. After the specific epithet
- b. In abbreviated form
- c. At the end of Biological name
- d. Written in italics

19. Classification is not associated with

- a. Grouping into convenient categories
- b. Based on easily observable characters
- c. Purpose is to study all the living organisms
- d. Writing scientific names in impressive and understandable way

20. Zoological Parks do not hold true with

- a. Protected environment
- b. Learning food habits and behaviour of animals

- c. Conditions similar to natural habitat
- d. Pet animals are also kept there under human care

21. What is wrong with respect to Key of a taxonomical aid?

- (a) Each statement in the key is called a lead.
- (b) A single key works for each taxonomic category.
- (c) keys are analytical in nature
- (d) Used for Identification purposes

22. Key at a time shows

- (a) Acceptance of one character
- (b) Acceptance of multiple factors
- (c) Rejection of another character
- (d) Both a and c

23. Which of the following does not hold true for couplet?

- a. Basis of Keys
- b. Contrasting characters
- c. Has use in Museum
- d. Choice is made between two opposite characters

24. What is incorrect with respect to taxa?

- a. Represents a category at different levels.
- b. Human and Homo sapiens represents different taxa.
- c. Mammals, Dogs and animals represent taxa at different levels.
- d. Taxa is a scientific term for category

25. Monographs can be used as

- (a) Recording descriptions
- (b) Correct Identification
- (c) Both a and b
- (d) None of the above

26. Key is used for-

- a. Nomenclature of plants
- b. Nomenclature of plants and animals
- c. Identification of plants and animals
- d. Identification of animals

27. Index of plant species of a particular area can be studied by means of

- (a) Keys
- (b) Biological Garden
- (c) Manuals
- (d) Flora

28. Information on any one taxon can be taken out by

- (a) Monographs
- (b) Catalogues
- (c) Flora
- (d) Manuals

29. For the identification of the name of species found in an area, one would use

- (a) Manuals
- (b) Catalogues
- (c) Monographs
- (d) Museum

30. Taxa with least number of common characteristics are

- a. Felis and Panthera
- b. Potato, Brinjal and Makoi
- c. Polymoniales and Poales
- d. Arthropoda and Angiosperms

31. Read the statements carefully and select the correct option:

- A. Intrinsic increase in mass of body is defining property of living organisms.
- B. Reproduction is synonymous with growth in all the organisms
- C. Reproduction is defining feature of all organisms

D. Isolated metabolic reactions in- vitro are living reactions.

Options:

- a. A and B
- b. B and C
- c. A and D
- d. B and D

32. The system of the naming of organisms was developed by

- a. Robert Hooke
- b. Carolus Linnaeus
- c. T. Schwann
- d. Ernst Mayr

33. Which of the following is incorrect w.r.t. Species?

- (a) A group of individual organisms with fundamental similarities
- (b) Two different species breed together to produce fertile offspring
- (c) Human beings belong to the species sapiens
- (d) Panthera has many specific epithet as tigris, leo and pardus

34. Find the correct sequence of taxonomic categories.

- (a) Division → Kingdom → Genus → Order
- (b) Species → Genus → Family → Order
- (c) Class → Order → Family → Division
- (d) Kingdom → Class → Species → Orde

35. Which of the following is a class?

- (a) Mammalia
- (b) Sapindales
- (c) Primate
- (d) Poales

36. _____ is the assemblage of families which exhibit a few similar characters.

- (a) Class

- (b) Genus
- (c) Species
- (d) Order

37. Fill in the blanks A and B.

Kingdom → Phylum → [A] → Order → [B]

- (a) A Genus; B - Species
- (b) A Family; B - Class
- (c) A Class; B Family
- (d) A - Species; B - Division

38. Match the following columns

Column I	Column II
a. Binomial nomenclature	i) Carolus Linnaeus
b. generic name	ii) Muscidae
c. family	iii) Panthera
d. systema naturae	

- (a) a(i), b(ii), c(iii), d(ii)
- (b) a(i), b(iii), c(ii), d(i)
- (c) a(ii), b(i), c(i), d(iii)
- (d) a(iii), b(i), c(ii), d(i)

39. Genus is a category which comes in between the

- (a) Family and Species
- (b) Class and Family
- (c) Order and Phylum
- (d) Kingdom and Class

40. Three different genera Solanum, Petunia and Datura are placed in the family

- (a) Poaceae
- (b) Anacardiaceae
- (c) Hominidae
- (d) Solanaceae

41. Cat and dog are placed in which families respectively

- (a) Felidae and Hominidae

- (b) Muscidae and Felidae
- (c) Poaceae and Canidae
- (d) Felidae and Canidae

42. In which of the following pair of category, greater is the difficulty of determining the relationship to other taxa at the same level, thus the problem of classification becomes more complex?

- (a) Genus and species
- (b) Tribe and genus
- (c) Division and phylum
- (d) Species and family

43. Phylogenetic classification is based on

- (a) utilitarian system
- (b) habits
- (c) overall similarities
- (d) common evolutionary descent

44. Musca domestica is scientific name of

- (a) Housefly
- (b) Mosquito
- (c) Snail
- (d) Ant

45. Taxonomic studies depend on

- (a) Ecological information of organisms.
- (b) Structure of cell and development process of organisms.
- (c) External and internal structure of organisms.
- (d) All of the above

46. The sum total of all the chemical reactions occurring in the body is known as

- (a) metabolism
- (b) catabolism
- (c) anabolism
- (d) None of these

47. Which of the following statements is incorrect?

- (a) all plants, animals, fungi and microorganisms exhibit metabolism
- (b) interactions among the molecular components of the organelles result into the properties of cell organelles
- (c) properties of cellular organelles are present in the molecular constituents of the organelles
- (d) cellular organisation of the body is the defining feature of life forms

48. Which of the following is self-conscious?

- (a) human being
- (b) salamander
- (c) Earthworm
- (d) None of these

49. Zoological parks are places for

- (a) Wild animals
- (b) Pet animals
- (c) Wild plants
- (d) Endangered crops

50. The keys are based on contrasting characters generally in pairs called

- (a) Duplex
- (b) Couplet
- (c) Dimer
- (d) All of these

- **Answer key will be posted on our telegram channel [ANWER KEY](#)**
- **Video solution of the paper will be provided within 2-3 days of uploading, on our youtube channel [VIDEO SOLUTION](#)**
- **For guidance/mentorship – [CLICK HERE](#)**

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