

Yakeen NEET 2.0 2026

Practice Sheet

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The Living World

- Q1** ICBN stands for;
- (A) International Code for Botanical Nomenclature.
 (B) International Code for Biological Names.
 (C) Indian Code of Botanical Nomenclature.
 (D) Indian Class of Biological Names.
- Q2** Species is considered as;
- (A) basic unit of nomenclature.
 (B) the lowest units of classification.
 (C) the highest unit of classification.
 (D) group of related genera.
- Q3** Which of the following have least similar characters?
- (A) Species (B) Division
 (C) Class (D) Family
- Q4** Find **odd** one out w.r.t. taxonomic categories.
- (A) Mammalia
 (B) Insecta
 (C) Monocotyledonae
 (D) Angiospermae
- Q5** Select **incorrect** statement w.r.t. binomial nomenclature.
- (A) Biological names are generally in latin.
 (B) Biological names when printed are written in italics.
 (C) Species name in a biological always starts with a capital letter.
 (D) The name of author in a biological name appears after the specific epithet in abbreviated form.
- Q6**
- Taxa mango and wheat represent which of the following common categories in taxonomic hierarchy?
- (A) Class and division
 (B) Genus and kingdom
 (C) Division and kingdom
 (D) Order and family
- Q7** Convolvulaceae and Solanaceae are included in the order:
- (A) Polymoniales. (B) Carnivora.
 (C) Sapindales. (D) Poales.
- Q8** Given below are two statements: one is labelled as Assertion A and the other is labelled as Reason R:
Assertion A: The scientific names ensure that each organism has only one name.
Reason R: The scientific names and local names do not vary from place to place.
 In the light of the above statements, choose the **correct** answer from the options given below:
- (A) A is true but R is false.
 (B) A is false but R is true.
 (C) Both A and R are true and R is the correct explanation of A.
 (D) Both A and R are true but R is NOT the correct explanation of A.
- Q9** Arrange the following taxonomic in ascending order, order of increasing size, beginning with the lowest one.
- (i) Family



- (ii) Kingdom
- (iii) Phylum/Division
- (iv) Genus
- (v) Order
- (vi) Class
- (vii) Species

Select the **correct** option.

- (A) (vii) → (iv) → (i) → (v) → (vi) → (iii) → (ii)
- (B) (i) → (ii) → (iii) → (iv) → (v) → (vi) → (vii)
- (C) (v) → (iv) → (i) → (vi) → (ii) → (iii) → (vii)
- (D) (vii) → (vi) → (i) → (ii) → (iii) → (iv) → (v)

Q10 The scientific name of Mango is;

- (A) *Mangifera Indica* Linn.
- (B) *Mangifera indica* Linn.
- (C) *mangifera indica* Linn.
- (D) *mangifera Indica* Linn.

Q11 Which one of the following belongs to the family Muscidae?

- (A) House fly
- (B) *Homo sapiens*
- (C) Cat
- (D) Cockroach

Q12 Nomenclature is governed by certain universal rules. Which one of the following is contrary to the rules of nomenclature?

- (A) The biological names are generally in Latin and written in italics.
- (B) When written by hand the names are to be underlined.
- (C) Biological names can be written in any language.
- (D) The first word in a biological name represents the genus name and the second is a specific epithet.

Q13 The common characteristics between tomato and potato will be maximum at the level of their

- (A) family
- (B) order
- (C) division
- (D) genus.

Q14 Given below are two statements:

Statement I: Based on characteristics, all living organisms can be classified into different taxa.

Statement II: Higher the category, greater is the difficulty of determining the relationship to other taxa at the same level.

In the light of the above statements, choose the **correct** answer from the options given below:

- (A) Statement I is correct but Statement II is incorrect.
- (B) Statement I is incorrect but Statement II is correct.
- (C) Both Statement I and Statement II are correct.
- (D) Both Statement I and Statement II are incorrect.

Q15 Select the **odd** one out with respect to phylum/division.

- (A) Arthropoda
- (B) Chordata
- (C) Primata
- (D) Angiospermae

Q16 Find the **mismatched** pair from the following.

- (A) Systematics – Evolutionary relationships
- (B) Systematics – Derived from the Greek word ‘systema’
- (C) Binomial nomenclature – Carolus Linnaeus
- (D) Related classes of animals – Phylum

Q17 Given below are two statements: one is labelled as Assertion (A) and the other is labelled as Reason (R).

Assertion (A): Species is a group of individuals with fundamental dissimilarities.

Reason (R): A species is distinguished from other closely related species based on morphological differences.

In the light of the above statements, choose the **correct** answer from the options given below.

- (A) A is true but R is false.
- (B) A is false but R is true.
- (C) Both A and R are true and R is the correct explanation of A.
- (D) Both A and R are true but R is NOT the correct explanation of A.

Q18 Select the **wrong** statement out of the following.

- (A)



All animals belonging to various phyla are assigned to the Kingdom Animalia.

- (B) As we go higher from species to kingdom, number of common characteristics goes on increasing.
- (C) Different classes comprising fish, amphibians, reptiles, birds and mammals together constitute the Phylum Chordata.
- (D) Plant order Polymoniales includes the families like Solanaceae and Convolvulaceae based on the floral characters.

Q19 Given below are two statements:

Statement I: Name of the author in the biological name is written in an abbreviated form.

Statement II: 'Animals', 'mammals' and 'dogs' represent taxa at same levels.

In the light of the above statements, choose the most appropriate answer from the options given below:

- (A) Statement I is correct but Statement II is incorrect.
- (B) Statement I is incorrect but Statement II is correct.
- (C) Both Statement I and Statement II are correct.
- (D) Both Statement I and Statement II are incorrect.

Q20 Monkey, gorilla and gibbon are placed in _____ Primata.

- (A) phylum (B) class
- (C) genus (D) order

Q21 Identify the category 'family' from the following, in which dogs are placed.

- (A) Felidae (B) Canidae
- (C) Carnivora (D) Primata

Q22 In binomial nomenclature, the first and second components represent:

- (A) genus and species respectively.
- (B) genus and class respectively.
- (C) species and genus respectively.
- (D) kingdom and class respectively.

Q23 Organisms belonging to same order will always have same:

- (A) family. (B) genus.
- (C) species. (D) class.

Q24 Read the following statements.

A. Binomial nomenclature system was given by Carolus Linnaeus.

B. *Systema Naturae* is a rule book of ICBN.

C. Canidae includes cat and tiger.

D. Biological names are generally in Greek and written in italics.

Choose the most appropriate answer from the options given below:

- (A) A and D are incorrect.
- (B) B, C and D are incorrect.
- (C) C and D are correct.
- (D) A and C are incorrect.

Q25 Diptera is the order for:

- (A) mango. (B) wheat.
- (C) housefly. (D) humans.

Q26 Find out the missing category 'X' from the hierarchical order given below:

Species → Genus → X → Order → Class.

- (A) Class (B) Phylum
- (C) Division (D) Family

Q27 Match List -I with List - II.

	List -I		List -II
A.	<i>Mangifera indica</i>	I.	Sapindales
B.	<i>Triticum aestivum</i>	II.	Hominidae
C.	<i>Musca domestica</i>	III.	Monocotyledons
D.	<i>Homo sapiens</i>	IV.	Diptera

Choose the **correct** option from the options give below.

- (A) A-II, B-III, C-I, D-IV
- (B) A-I, B-III, C-IV, D-II
- (C) A-II, B-I, C-III, D-IV



(D) A-III, B-II, C-I, D-IV

Q28 Choose **incorrectly** matched pair w.r.t housefly.

- (A) Diptera – Order
 (B) Insecta – Class
 (C) Arthropoda – Division
 (D) Muscidae – Family

Q29 The **correctly** illustrated scientific name of brinjal is:

- (A) *Solanum Melongena*.
 (B) *solanum Melongena*.
 (C) *Solanum melongena*.
 (D) *solanum melongena*.

Q30 Dogs and cats belong to the families:

- (A) Felidae and Canidae, respectively.
 (B) Canidae and Felidae, respectively.
 (C) Carnivora and Felidae, respectively.
 (D) Felidae and Carnivora, respectively.

Q31 In the hierarchy of classification order is present between:

- (A) family and genus.
 (B) phylum and kingdom.
 (C) family and class.
 (D) family and species.

Q32 Given below are two statements:

Statement I: If we increase the area of observations the range and variety of organisms that we see would increase.

Statement II: A dense forest, has a much lesser number and kinds of living organisms in it.

In the light of the above statements, choose the most appropriate answer from the options given below:

- (A) Statement I is correct but Statement II is incorrect.
 (B) Statement I is incorrect but Statement II is correct.
 (C) Both Statement I and Statement II are correct.
 (D) Both Statement I and Statement II are incorrect.

Q33 *Mangifera indica* is a scientific name for:

- (A) mango. (B) lion.
 (C) wheat. (D) housefly.

Q34 *Felis* and *Datura* are:

- (A) family and species respectively.
 (B) order and species respectively.
 (C) species only.
 (D) genus only.

Q35 Match **List-I** with **List-II**:

	List-I		List-II
(A)	Division	(I)	Insecta
(B)	Family	(II)	Felidae
(C)	Order	(III)	Angiospermae
(D)	Class	(IV)	Sapindales

Choose the **correct** answer from the options given below:

- (A) A-III, B-I, C-IV, D-II
 (B) A-IV, B-III, C-II, D-I
 (C) A-III, B-II, C-IV, D-I
 (D) A-II, B-I, C-III, D-IV

Q36 The highest taxonomic category in taxonomic hierarchy is:

- (A) family. (B) genus.
 (C) kingdom. (D) species.

Q37 The taxonomic category assigned to Mammalia is:

- (A) family. (B) genus.
 (C) class. (D) order.

Q38 Mango belong to family **A** which is based on **B**. Identify **A** and **B** respectively.

- (A) A-Anacardiaceae, B- both vegetative and reproductive features
 (B) A-Poaceae, B-vegetative features only
 (C) A-Anacardiaceae, B-fundamental similarities
 (D) A-Solanaceae, B-floral features only

Q39 The common characteristics between *Datura* and potato will be maximum at the level of their:



- (A) family. (B) order.
(C) division. (D) genus.

- Q40** Read the following and identify the **true** statements.
A. *Homo sapiens* is the scientific name of human being.
B. A taxon is only a group of related plants and animals.
C. Basic unit or lowest taxonomic category is species.
D. Biodiversity is the number and types of organisms present on earth.
Choose the most appropriate option given below:
(A) All A, B, C and D
(B) A, C and D only
(C) A, B and C only
(D) B and D only
- Q41** All the given options represent the basic process of taxonomy **except**:
(A) nomenclature.
(B) identification.
(C) biodiversity.
(D) classification.
- Q42** The number of _____ that are known and described range between 1.7 – 1.8 million.
(A) family (B) genus
(C) species (D) order

- Q43** Given below are two statements: one is labelled as Assertion A and the other is labelled as Reason R:

Assertion A: All organisms including those in the plant and animal kingdoms have species as the highest category.

Reason R: Classification involves hierarchy of steps in which each step represents a rank or category.

In the light of the above statements, choose the **correct** answer from the options given below:

- (A) A is true but R is false.
(B) A is false but R is true.
(C) Both A and R are true and R is the correct explanation of A.
(D) Both A and R are true but R is NOT the correct explanation of A.

- Q44** Choose the **incorrect** match.

- (A) Order - a group of related families
(B) Genus - a group of related species
(C) Class- a group of related orders
(D) Division - a group of related phyla

- Q45** The families like Felidae and Canidae are included in the same taxonomic category named:

- (A) carnivora. (B) polymoniales.
(C) primata. (D) diptera.



Answer Key

Q1 (A)
Q2 (B)
Q3 (B)
Q4 (D)
Q5 (C)
Q6 (C)
Q7 (A)
Q8 (A)
Q9 (A)
Q10 (B)
Q11 (A)
Q12 (C)
Q13 (D)
Q14 (C)
Q15 (C)
Q16 (B)
Q17 (B)
Q18 (B)
Q19 (A)
Q20 (D)
Q21 (B)
Q22 (A)
Q23 (D)

Q24 (B)
Q25 (C)
Q26 (D)
Q27 (B)
Q28 (C)
Q29 (C)
Q30 (B)
Q31 (C)
Q32 (A)
Q33 (A)
Q34 (D)
Q35 (C)
Q36 (C)
Q37 (C)
Q38 (A)
Q39 (A)
Q40 (B)
Q41 (C)
Q42 (C)
Q43 (B)
Q44 (D)
Q45 (A)

