



ARJUNA NEET BATCH



The Living World



DPP-3

By : Biswajit Sir

Q1. A taxonomic category refers to

- A. the basic unit of classification → *taxon*
- B. a rank or level in a taxonomic hierarchy
- C. a group of related organisms able to interbreed → *species*
- D. a group of related organisms but unable to interbreed freely ✗





Q2. The ascending or descending arrangement of taxonomic categories is called as

A. Classification

B. Taxonomy

C. Hierarchy

D. Key



- Q3. The term 'taxon' is used for**
- A. the ranks of species and genus
 - B. the ranks up to phylum
 - C. the species epithet only
 - ☒ D. any rank of taxonomic hierarchy

Taxon → $\left\{ \begin{array}{l} \text{any rank (level) of grouping of organisms.} \\ \text{unit of classification} \end{array} \right.$





Q4. Which term can be used for any taxonomic rank?

- A. Class
- C. Family

- B. Taxon**
- D. Cohort





Q5. Basic unit or smallest taxon of classification is

☒ A. Species

C. family

B. kingdom

D. variety

→ largest





Q6. The basic unit upon which the systems of classification are based is

☒ A. Species

B. genus

C. Order

D. family

unit of classification → taxon

Basic unit of classification → species





Q7. Which of the following statements is not correct?

→ organisms

- A. Biodiversity is the occurrence of variety of life forms differing in morphology, anatomy, habitats and habits. (T)
- B. Systematics is the branch of biology that deals with cataloging plants, animals and other organisms into categories that can be named, remembered, compared and studied.
- C. Classification is the branch of biology that deals with principles and procedures of identification and nomenclature of organisms. (F)
- D. None of these





Q8. Amongst all the kingdoms, the only taxon that exists in nature as a biologically cohesive unit is the

- A. ✓ Species**
- B. genus**
- C. Phylum or division**
- D. kingdom**



Q9. A true species consists of a population which is

- A. sharing the same niche
- ☒ B. interbreeding
- C. feeding over the same food
- D. geographically isolated



Q10. In biological terminology, a group of similar organisms which are capable of interbreeding and producing fertile offspring's is called



☒ **A. species**
C. tribe

B. genus
D. family





Q11. *Mangifera* is a

A. variety

C. species

~~B. genus~~

D. class

Mangifera indica
↓ ↓
genus species



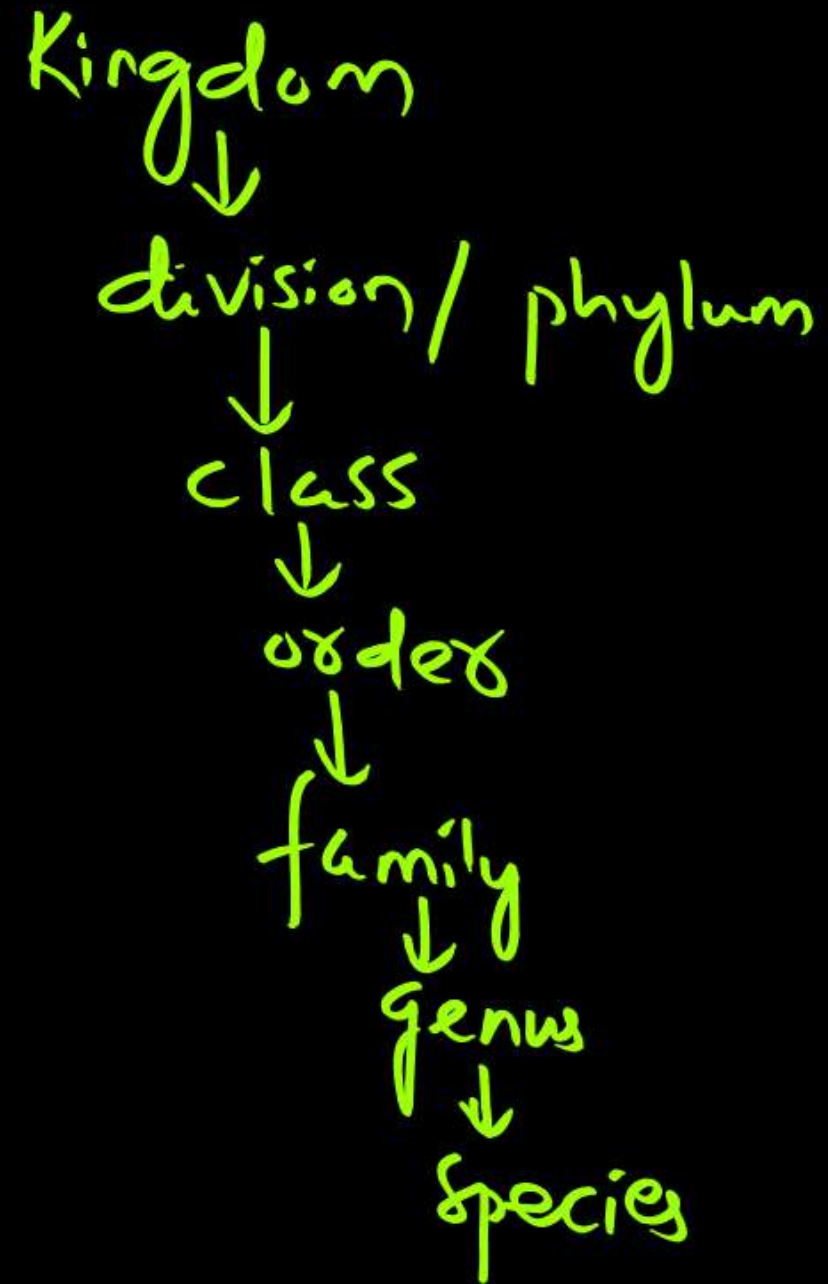
Q12. Genus is a group of similar and related

A. classes α

☒ C. species

B. phyla α

D. orders α





Q13. A collection of species which bear a close resemblance to one another in the morphological characters of the floral parts is known as

A. family

B. variety

☒ C. genus

D. division





Q14. Which of the following taxonomic categories includes all the others?

A. Family
C. Genus

☒ B. Order
D. Species

order
↓
family
↓
genus
↓
species





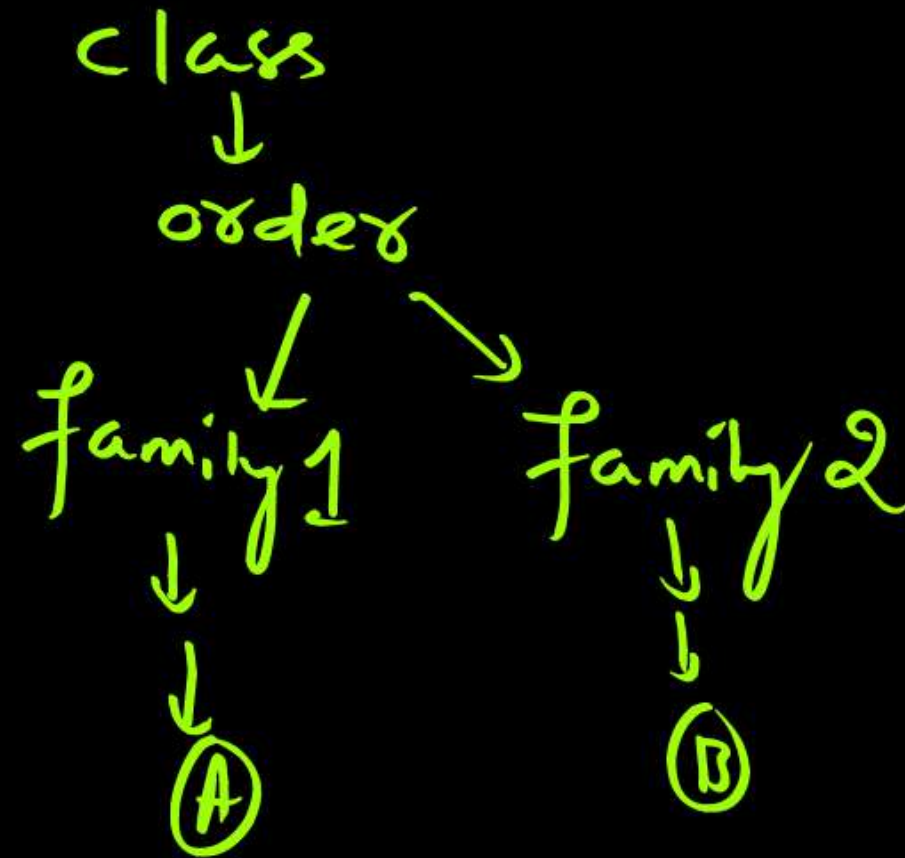
Q15. Two organisms are present in the same class but not in the same family. They may belong to same

A. genus

B. species

C. variety

~~D. order~~



Q16. Two animals belong to the same kingdom but different classes. They may belong to the same

A. phylum

C. division

B. Order

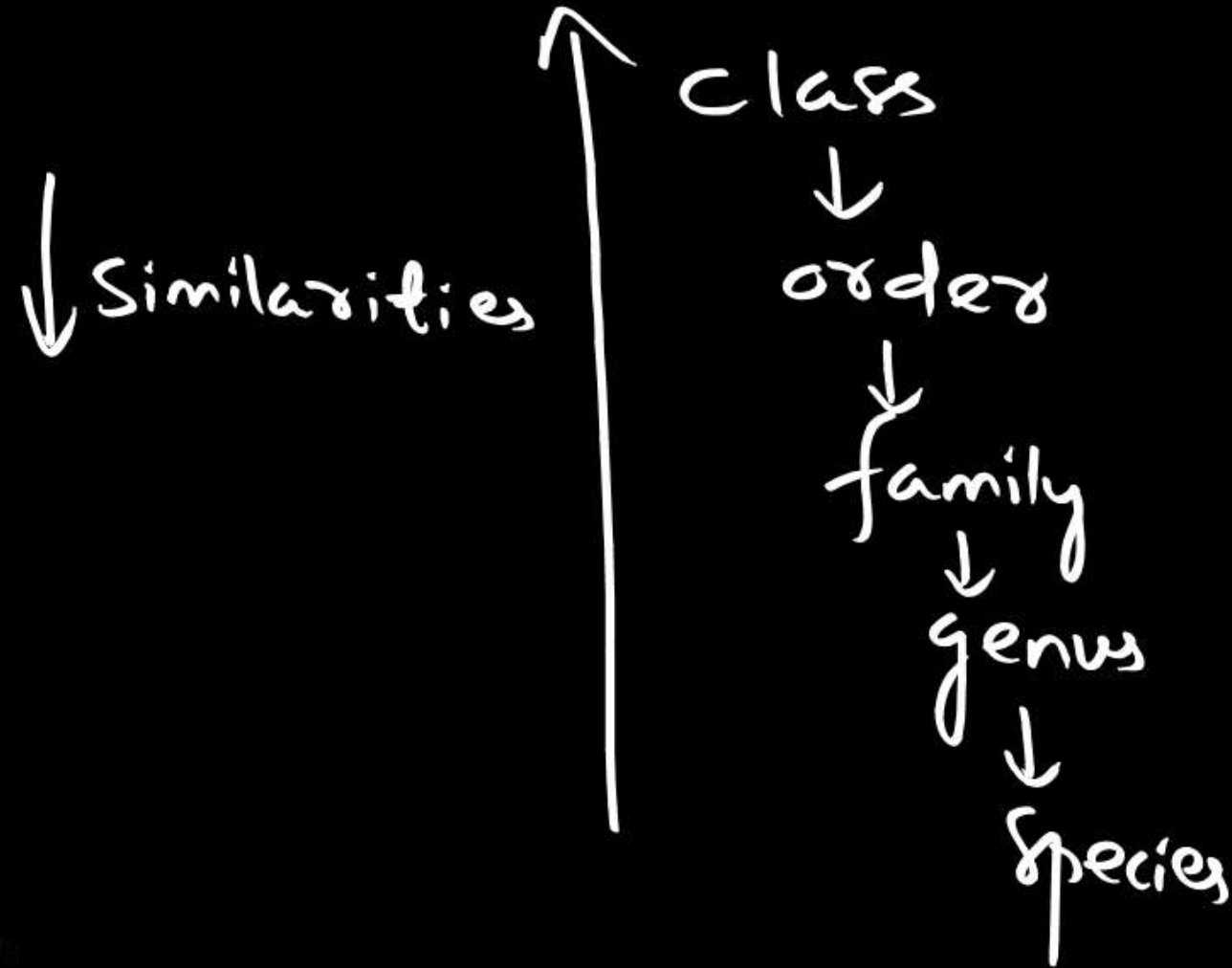
D. species



Q17. Which one of the following has least similar characters?

A. Family
C. Genus

~~B. Class~~
D. Species





Q18. Which one of the following is not a category?

A. Phylum ✓

B. Species ✓

C. Class ✓

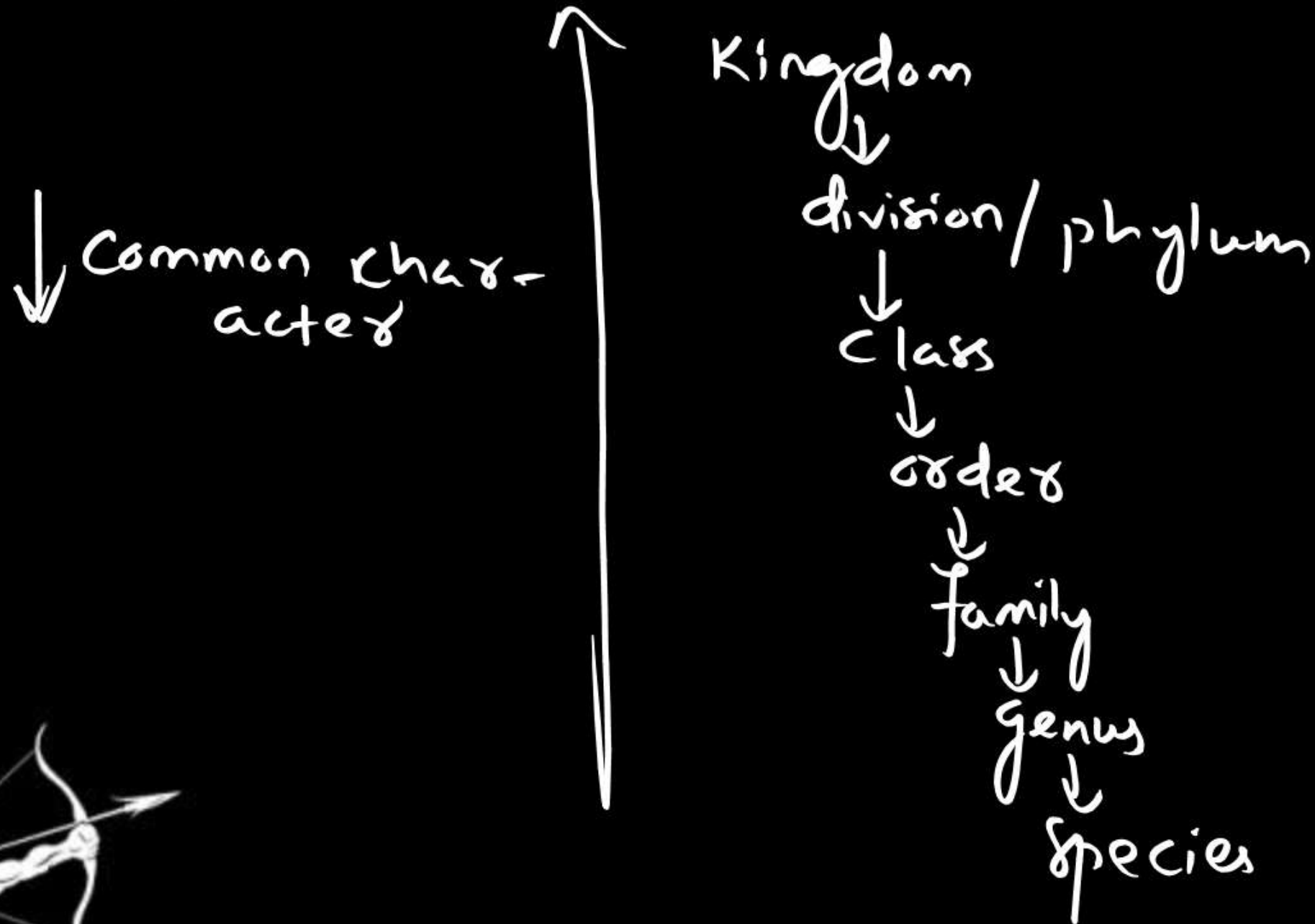
~~D. Glumaceae~~ ✗



Q19. Which of the following has minimum common characters?

A. Species
☒ C. Kingdom

B. Genus
 D. Order



Q20. Which of the following is an exception to biospecies?

A. Dog ✓

~~C. Mule~~ ✗

B. Cat ✓

D. Both A and B

male donkey x female horse
↓
mule
↓
sterile

group of individuals
↓
interbreed
↓
fertile offspring





Thank You बट्ट्यों

