

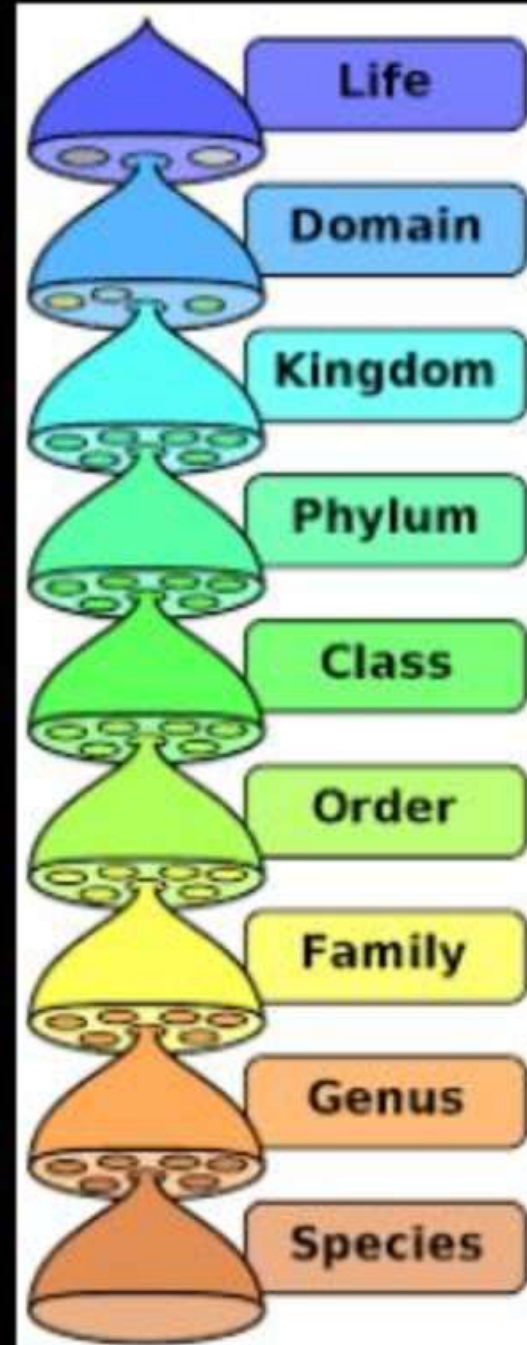


# ARJUNA NEET BATCH



## BIOLOGICAL CLASSIFICATION

DPP-2



By : Biswajit Sir



**Q1. Sole members of monera are?**

**A. bacteria**

**B. BGA**

**C. archeabacteria**

**D. Mycoplasma**





**Q2. who introduced the kingdom monera?**

A. Theophrastus

C. Aristotle

~~B. Copeland~~

D. Haeckel

→ protista





**Q3. Kingdom with chemoautotrophic nutrition is?**

A. protista

**C. Monera**

B. fungi

D. animalia





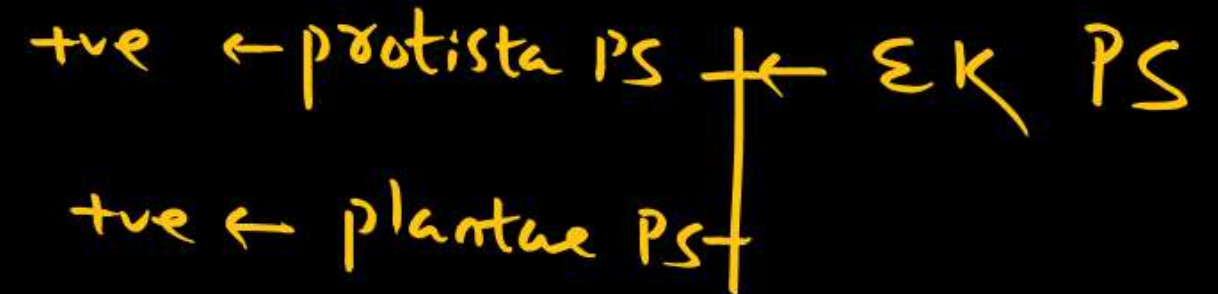
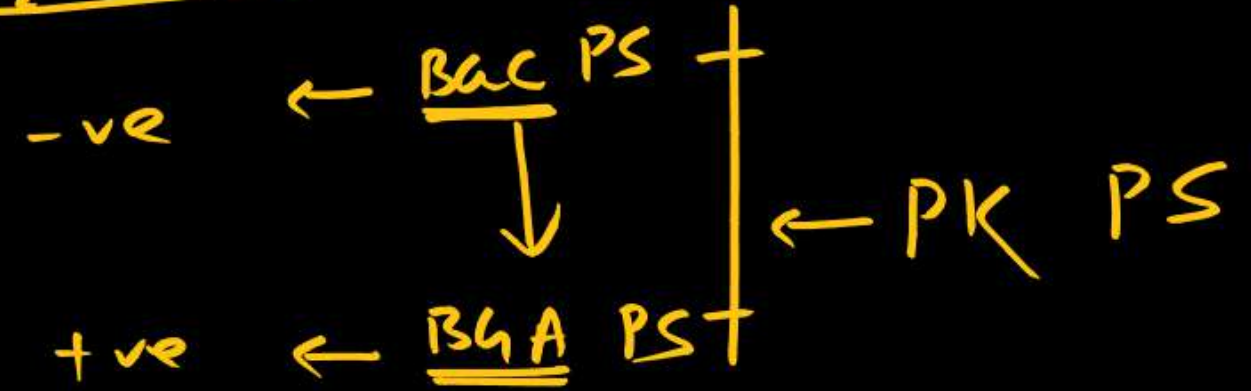
**Q4. Which of the following was the first group of organisms to show oxygenic photosynthesis?**

A. bacteria  
C. diatoms

B. angiosperms

☒ D. BGA

O<sub>2</sub> evolve





Q5. Which of the following does not show photolysis of water?

A. ~~Rhodospirillum~~

B. nostoc  $\rightarrow$  PS B6A

C. Cycas  $\hookrightarrow$  PS bacteria  
 $\hookrightarrow$  plant

D. mango  
 $\hookrightarrow$  plant

B6A, plants, PS protists  
 $\downarrow$

$H_2O$  is used as  $e^-$  and  $H^+$  source  
 $\downarrow$

photolysis of  $H_2O$   
takes place

Bacterial PS  
 $\downarrow$

$H_2O$  is never used as  $e^-$  and  $H^+$  source  
 $\downarrow$

no photolysis of  $H_2O$





Q6. Which of the following compounds is used as electron source and proton source by most of bacteria?

~~A. organic~~

C. water

B. inorganic

D. both B and C

heterotrophic

chemo organoheterotroph

$e^-$ ,  $H^+$  source

inorganic

↓  
litho  
troph

organic

↓  
organotroph







**Q7. which of the following have structurally simplest organisms**

A. Plantae

B. protista

C. Fungi

**D. Monera**







**Q8. Which of the following is a facultative aerobe?**

☒ A. Mycoplasma

C. Azotobacter

*obligate  
aerobe*

B. Bacillus *obligate  
aerobe*

D. All



Q9. which of the following bacteria is chemoautotroph?

A. Bacillus <sup>x</sup> hetero

C. Mycoplasma <sup>x</sup>

↳ hetero  
trophic

B. Nitrosomonas → chemoautotrophic

D. Anabaena <sup>x</sup>

↳ photoautotrophic





**Q10. Saprophytic bacteria show .....type of digestion?**

A. intracellular

B. extracellular

C. both

D. none







**Q11. Most abundant group of microbes belong to?**

☒ A. monera

☐ C. fungi

☐ B. protista

☐ D. algae





**Q12. Which of the following is used as electron source by BGA?**

☒ A. Water  
C. protein

B. lipid  
D. starch



**Q13. find out the odd one with respect to mode of nutrition**

A. Nitrosomonas *chemo  
auto*

B. Nitrobacter - *chemoauto*

C. Nitrocystis  
*↳ chemo  
auto*

☒ D. Anabaena  
*↳ photoautotroph*







**Q14. which of the following group of bacteria obtained their nourishment from detritus**

**A. parasitic**

**B. saprophytic**

**C. symbiotic**

**D. all**





Q15. which of the following is produced during bacterial photosynthesis?

A. NADPH  $\alpha$

B. Water

C. FADH  $\alpha$

~~D. NADH~~





**Q16. Bacteria with rod shape are called?**

☒ A. bacillus

C. vibrio

*comma*

B. coccus

*spherical*

D. spirillum

*spiral*







**Q17. Which of the following is an obligate aerobe**

A. Azotobacter ✓

B. Bacillus subtilis ✓

C. Clostridium

~~D. more than one~~

*obligate  
anaerobe*





Q18. Bacteria which use organic compounds as their carbon source are called?

A. autotroph  
C. parasite

☒ B. heterotroph  
D. none

Bacteria

heterotroph  
autotroph

Source

organic  
inorganic





- Q19. Bacteria are found in?**
- A. favorable habitat only <sup>x</sup>
  - B. harsh habitat only <sup>x</sup>
  - C. almost everywhere
  - D. none







**Q20. Kingdom with prokaryotic organisms is?**

☒ A. Monera PK

B. protista EK

C. fungi EK

D. animalia EK





*Thank You बच्चों*

