



**TARGET : NEET (UG) 2024**

**Course : SARANSH (Youtube Live CRASH COURSE)**

**BIOLOGY**

**DPP**

**DAILY PRACTICE PROBLEMS**

**DPP NO. 2**

**BOTANY : BIOLOGICAL CLASSIFICATION**

**DPP No. : 2**

1. Read statements A to D

- (A) Golden Algae are classified under Chrysophytes  
 (B) Gonyaulax & Diatoms are classified under Dinoflagellates  
 (C) In Diatoms the cell wall form thin overlapping shell, which fit together as in soap box  
 (D) Most of the Dinoflagellates have two flagella

How many statements are wrong ?

- (1) one                      (2) two                      (3) three                      (4) four

2. Which of the following is the correct sequence of 3 steps in the sexual cycle of fungi

- (1) Mitosis → Meiosis → Fertilization  
 (2) Plasmogamy → Karyogamy → Meiosis  
 (3) Meiosis → Plasmogamy → Karyogamy  
 (4) Karyogamy → Plasmogamy → Meiosis

3. Match the columns and select the correct options.

Column I	Column II
(i) Phycomycetes	(a) Albugo
(ii) Ascomycetes	(b) Puccinia
(iii) Basidiomycetes	(c) Alternaria
(iv) Deuteromycetes	(d) Neurospora

(1)	(i)→a	(ii)→d	(iii)→b	(iv)→c
(2)	(i)→a	(ii)→b	(iii)→c	(iv)→d
(3)	(i)→b	(ii)→a	(iii)→c	(iv)→d
(4)	(i)→c	(ii)→d	(iii)→a	(iv)→b

4. Which of the following is not a feature of euglena  
(1) Presence of Chl a and Chl b as higher plants  
(2) Absence of cell wall  
(3) Presence of sexual reproduction  
(4) Mixotrophic nutrition
5. Select the wrong statements :  
(1) W.M. Stanley showed that viruses could be crystallized  
(2) The term 'contagium vivum fluidum' was coined by M.W. Beijerinck  
(3) Mosaic disease in tobacco and AIDS in human being are caused by viruses  
(4) The viroids were discovered by D.J. Ivanowski
6. What is the characteristic feature of imperfect fungus  
(1) Absence of true nucleus  
(2) Absence of cell wall  
(3) Absence of sexual reproduction  
(4) Absence of fructification
7. TMV has  
(1) dsDNA + Protein    (2) ssRNA + Protein    (3) ssDNA + Protein    (4) dsRNA + Protein
8. Where the basidiospores are formed  
(1) In basidium (Endogenous)    (2) On basidium (exogenous)  
(3) In basidiocarp    (4) On basidiocarp
9. Viroids differ from viruses in having  
(1) DNA molecules with protein coat  
(2) DNA molecules without protein coat  
(3) RNA molecules with protein coat  
(4) RNA molecules without protein coat
10. Select the **wrong** statement:  
(1) Cell wall is present in members of Fungi and Plantae.  
(2) Mitochondria are the powerhouse of the cell in all kingdoms except Monera.  
(3) Pseudopodia are locomotory and feeding structures in Sporozoans.  
(4) Mushrooms belong to Basidiomycetes.