



Yakeen NEET 2.0 - 2026

Biological Classification Botany By Rupesh Chaudhary Sir

Practice Sheet - 04

1. Correct
(A) most of Protozoa : hetrotroths
(B) Protozoa : primitive relative of plants
(C) amoeboid : fresh, marine water not moist soil
(D) pseudopodia / false feet present
2. Correct
(A) fresh water form has silica shell in amoeboid Protozoa
(B) entamoeba is not parasite
(C) trypanosoma : African sleeping sickness
(D) flagellated protozoa : free living not parasite
3. Ciliated protozoa
(A) 100 of cilia present
(B) two types of nucleus not absent
(C) terrestrial, gullet open to outside of cell surface
(D) example : plasmodium
4. Sporozoans
(A) infectious spore like stage absent
(B) plasmodium (malarial parasite) cause malaria
(C) no staggering effect on human
(D) None
5. Viroid
(A) new infectious agent larger than virus discovers by Diener
(B) RNA : high molecular weight
(C) both RNA and protein coat absent
(D) cause potato spindle tuber disease in animal
(E) None
6. Prions (Incorrect)
(A) normally folded protein
(B) neurological disorder
(C) similar in size to virus
(D) mad cow disease in cattle & Creutz feldt disease in human
7. Lichen
(A) parasitic association between algae and fungi
(B) symbiotic between heteotrophs and photosynthetic autotrophs
(C) phycobiont : fungi & mycobiont : algae
(D) SO₂ pollution indicator & grow in polluted area
(E) fungi prepare food & algae helps in absorption
8. Correct
(A) virus viroid prions lichen placed in monera
(B) virus : poisonous fluid / venom / obligate intercellular parasite
(C) link between living & non living
(D) virus is inert / inactive inside living cell
9. Correct
(A) virus take over the machinery of host to relocate but don't kill host
(B) Tobacco Mosaic disease cause by TMV, virus can pass through bacterial filter so larger than bacteria : Ivanowsky
(C) Beijerinck : Contagium bicim fluidum, term virus
(D) Stanley : Crystallised virus & crystal mainly consist of DNA
10. Correct virus
(A) both DNA and RNA present
(B) Nucleoprotein
(C) protein coat : capsid made up of capsomere do not protect nucleic acid
(D) infectious part is protein
11. Viral symptoms in plant
(A) yellowing of leaf and vein clearing
(B) mosaic pattern
(C) stunted growth
(D) leaf rolling & curling
(E) all



Answer Key

1. (D)
2. (C)
3. (C)
4. (C)
5. (E)
6. (B)

7. (B)
8. (C)
9. (C)
10. (B)
11. (E)



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