

# DPP

DAILY PRACTICE PROBLEMS

Class : XI<sup>th</sup>  
Date :

Subject : BIOLOGY  
DPP No. : 5

## Topic :- Biological Classification

- Mention the 'Incubation Period' of *Plasmodium vivax*.  
a) 10-14 days                      b) 20-25 days                      c) 30 days                      d) 45 days
- The plant cell have an eukaryotic structure with prominent ...A... and cell wall is made up of ...B.... Identify the correct options for A and B to complete the given statement  
a) A-chloroplast; B-cellulose  
b) A-nucleus; B-chitin  
c) A-chloroplast; B-lignin  
d) A-nucleus; B-polysaccharide
- Fungi lack  
a) Mitochondria                      b) Ribosomes  
c) Chloroplast                      d) Endoplasmic reticulum
- Which of the following statements are false about viruses?  
I. Viruses are facultative parasites  
II. Viruses can multiply only when they are inside the living cells  
III. Viruses cannot pass bacterial proof filters  
IV. Viruses do not contains proteins DNA and RNA  
**Code**  
a) I, II and III                      b) II, III and IV                      c) I, III and IV                      d) I, II, III and IV
- During unfavorable conditions, *Amoeba* reproduces through  
a) Binary fission                      b) Sporulation                      c) Multiple fission                      d) Conjugation
- Lomasomes are found in  
a) Algal cell                      b) Fungal cell                      c) Bacterial cell                      d) Cyanobacterial cell
- The genetic material of viruses consists of  
a) *ds* of ss DNA only                      b) *ds* or ss RNA only  
c) DNA or RNA (both *ds* and ss)                      d) ssDNA or ssRNA and
- Which one of the following is having ssRNA?  
a) TMV                      b) T<sub>2</sub> – bacteriophage                      c) Reovirus                      d) CMV

9. F-factor in bacteria is  
 a) plasmid                      b) Episome                      c) Colicin factor                      d) None of these
10. Viruses have  
 a) Living characteristics                      b) Non-living characteristics  
 c) Both living and non-living characteristics                      d) Parasitic characteristics
11. If sexual reproduction takes place between the filament of *Rhizopus* of different strains, one with 80 nuclei and another with 24 nuclei, what would be the total number of spores of different strains put together?  
 a) 24                      b) 48                      c) 96                      d) 114
12. Which of the following kingdoms have no well defined boundaries?  
 a) Plantae                      b) Protista                      c) Monera                      d) Algae
13. In Deuteromycetes, the mycelium is  
 a) Septate and branched                      b) Septate and unbranched  
 c) Coenocytic                      d) Multinucleated
14. Consider the following statements  
 I. All prokaryotic organism were grouped together under kingdom-Monera  
 II. The unicellular eukaryotic organism were placed in kingdom-Protista  
 III. *Chlorella* and *Chlamydomonas*, both were having cell walls  
 IV. *Paramecium* and *Amoeba* lack cell walls  
 V. Kingdom-Protista has brought together *Chlamydomona*, *Chlorella* with *Paramecium* and *Amoeba*  
 Which of the statements give above are correct?  
 a) I, II, III and IV                      b) II, III, IV and V                      c) I, II, III and IV                      d) I, II III, IV and V
15. Regarding sexual reproduction in fungi. Which of the following statement is correct?  
 a) Plasmogamy followed by karyogamy  
 b) Karyogamy followed by plasmogamy  
 c) Karyogamy and plasmogamy occur together  
 d) Sexual reproduction is absent in fungi
16. Which of the following bacteria plays a main role in recycling the nutrients like nitrogen, phosphorus, iron and sulphur?  
 a) Chemoheterotrophic bacteria                      b) Chemosynthetic autotrophic bacteria  
 c) Parasitic bacteria                      d) Saprophytic bacteria
17. Bacteria differ from plants in that they do not have  
 a) DNA                      b) RNA  
 c) Cell wall                      d) A well define nucleus

18. Among rust, smut and mushroom, all the three  
a) Are pathogens      b) Are saprobes      c) Bear ascocarps      d) Bear basidiocarps
19. All the given fungi belongs to Deuteromycetes, except  
a) *Alternaria*      b) *Colletotrichum*      c) *Trichoderma*      d) *Ustilago*
20. The body of a fungus is made up of a number of elongated, tubular filaments called  
a) Hyphae      b) Woronin bodies      c) Mycelium      d) Thallus

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