

1. Nuclear membrane is absent in

- I. Mycoplasma II. Actinomycetes III. Dinoflagellates IV. Euglenoids
1. A & B 2. B & C 3. C & D 4. A, B, C & D

2. Yeast is unicellular, eukaryote. It is included in

1. Mycetae 2. Monera 3. Protista 4. Mycobacteria

3. Chitin is cell wall component of

1. *Spirogyra* 2. *Ustilago* 3. *Cuscuta* 4. *Riccia*

4. True statement regarding Monera is

1. All are uninucleate 2. Nucleus is absent in most
3. Some of them are photosynthetic 4. Sexual reproduction is common

5. Assertion (A): *Chlorella* cannot be included in plant kingdom

Reason(R): *Chlorella* is unicellular.

- 1) Both A and R are correct and R is the correct explanation of A.
2) Both A and R are correct but R is not the correct explanation of A.
3) A is true, R is false
4) A is false, R is true.

6. Cell membrane of Archaeobacteria shows

1. Only protein 2. Branched chain lipids
3. Independent lipid molecules 4. Pseudomurein

7. Genetic material is naked in

- A. *Escherichia coli* B. *Streptomyces* C. *Saccharomyces* D. *Alternaria*
1. A & B 2. B & C 3. A, B & C 4. A, B, C & D

8. Common character between *Nostoc* and higher plants

1. Presence of chlorophyll 'a' 2. They release oxygen during photosynthesis
3. Flagellated sex organs are absent 4. All the above

9. Tetanus is

1. Bacterial disease 2. Fungal disease 3. Nutritional disorder 4. Viral infection

10. Red colour of the red is due to

1. Dinoflagellates 2. Cyanobacteria 3. Archaeobacteria 4. Reflection of light

11. True statement regarding protista

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|--------------------------------|-------------------------------|
| 1. Cell wall is well developed | 2. Nuclear membrane is absent |
| 3. Nutrition is heterotrophic | 4. All the above |

12. Plasmodium is a stage of

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| 1. Protozoa | 2. Euglenoids | 3. Slime molds | 4. Fungi |
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13. Mesokaryon is seen in

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| 1. Eubacteria | 2. Dinoflagellates | 3. Virus | 4. Prion |
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14. Colour of the desmids is

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| 1. Green | 2. Red | 3. Brown | 4. Golden brown |
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15. Assertion (A): Sunlight is necessary for *Euglena*.

Reason(R): *Euglena* shows photosynthetic pigments

- 1) Both A and R are correct and R is the correct explanation of A.
- 2) Both A and R are correct but R is not the correct explanation of A.
- 3) A is true, R is false
- 4) A is false, R is true.

16. Number of flagella in *Euglena*

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|--------|--------|---------|---------------|
| 1. Two | 2. One | 3. Four | 4. One or two |
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17. Saprophytic organisms from the following

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| 1. <i>Puccinia</i> | 2. <i>Colletotrichum</i> | 3. <i>Euglena</i> | 4. Slime molds |
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18. Spore dispersal is by wind in

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| 1. Slime molds | 2. <i>Aspergillus</i> | 3. <i>Penicillium</i> | 4. <i>Chlorella</i> |
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19. Binary fission is longitudinal in

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| 1. Bacteria | 2. Yeast | 3. <i>Euglena</i> | 4. Dinoflagellates |
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20. Silica is embedded in the walls of

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| 1. Dinoflagellates | 2. Desmids | 3. Diatoms | 4. <i>Chlorella</i> |
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21. Zygote undergoes meiosis in

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| 1. Fungi | 2. Protozoa | 3. Plants | 4. Slime molds |
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22. Conidia are

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| 1. Prokaryotes | 2. Protista | 3. Spores | 4. Sexual stage |
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23. Reserve food in fungi is

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| 1. Starch | 2. Glycogen | 3. Protein | 4. Sugars |
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24. The parasite on mustard is

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| 1. <i>Colletotrichum</i> | 2. <i>Alternaria</i> | 3. <i>Aspergillus</i> | 4. <i>Albugo</i> |
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25. **Saucer shaped fruiting body is called as**
1. Perithecium 2. Apothecium 3. Cleistothecium 4. Basidiocarp
26. **True statement regarding basidiomycetes is**
1. Sexual reproduction is absent 2. Basidiospores are haploid
3. These are septate mycelium 4. All the above
27. **Assertion (A): Deuteromycetes are called imperfect fungi**
Reason(R): Perfect stages are absent in Deuteromycetes.
1) Both A and R are correct and R is the correct explanation of A.
2) Both A and R are correct but R is not the correct explanation of A.
3) A is true, R is false
4) A is false, R is true.
28. **Genus used in genetic studies is**
1. *Penicillium* 2. *Neurospora* 3. *Mucor* 4. *Ustilago*
29. **Red rot of sugar cane is due to**
1. *Puccinia* 2. *Ustilago* 3. *Colletotrichum* 4. *Trichoderma*
30. **Bracket fungi belongs to**
1. Phycomycetes 2. Ascomycetes 3. Basidiomycetes 4. Deuteromycetes
31. **In six kingdom classification which group of five kingdom is replaced**
1. Protista 2. Monera 3. Fungi 4. Plantae
32. **The basis for evolutionary sequence of groups in six kingdom classification is**
1. Nucleus 2. Cell wall 3. Flagella 4. RNA
33. **One of the groups which has no mention in the Whittaker classification is**
A. Yeast B. Lichens C. Viruses D. Mycorrhiza
1. A & B 2. B & C 3. B, C & D 4. D & A
34. **Viruses were described as venom by**
1. Pasteur 2. Carl Woese 3. Diener 4. Jenner
35. **Assertion (A): Viruses can be crystallized**
Reason(R): Viruses are chemical by nature
1) Both A and R are correct and R is the correct explanation of A.
2) Both A and R are correct but R is not the correct explanation of A.
3) A is true, R is false
4) A is false, R is true.

36. 'Scrapie disease' is caused by

1. Monera 2. Protista 3. Fungi 4. Proteins

37. Genome of viroid is

1. RNA 2. DNA 3. RNA or DNA 4. RNA and DNA

38. Good pollution indicators are

1. Streptomyces 2. Lichens 3. Viruses 4. Mycorrhiza

39. Coat protein of viruses are called as

1. Collor 2. Sheath 3. Capsid 4. Capsule

40. Genome in TMV is

1. dsRNA 2. ssRNA 3. Naked nucleus 4. Meso karyon

Biological Classification--Key

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
4	1	2	3	1	2	1	4	1	2	4	3	2	4	4	1	4	4	3	3
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
1	3	2	4	2	4	1	2	3	3	2	4	3	1	1	4	1	2	3	2