**Kingdom Protista**

Diversity –

Protists –

Classification –

1. **Animal-like Protists**
2. Protozoans –
3.
4.
5. Classified –
6. Sarcodinians –
7. Example -
8. Ameba Structure
* Cell membrane –
* Endo and Ectoplasm –
* Pseudopodia –
* Nucleus –
* Food Vacuoles –
* Contractile Vacuoles –
1. Sensitive to –
2. Reproduction –
3. Zooflagellates –
4. Example –
5. Astasia Structure
* Pellicle –
* Flagella –
* Gullet and reservoir –
* Food Vacuole –
* Contractile Vacuole –
* Eyespot –
1. Pathogenic –
2. Symbiotic –
3. Ciliophorans –
4. Example –
5. Paramecium Structure
* Cilia –
* Trichocysts –
* Oral grooves and Gullet –
* Macro and Micronuclei –
1. Reproduction
* Asexually –
* Sexually –
1. Pathogenic –
2. Sporozoans –
3. Example –
4. Pathogenic –
5. **Plant-like Protists**
6. Algae –
7.
8.
9. Classified –
10. Unicellular
11. Dinoflagellates
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* Red tide -
1. Diatoms
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1. Euglenoids
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* Shared characteristics –
* Protozoa –
* Algae –
1. Multicellular
2. Green Algae –
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* + - *
1. Red Algae –
	* + -

* + - *
1. Brown Algae –
	* + -

* + - *
1. **Fungus-like Protists**
2. Mold –
3.
4.
5. Plasmodial Slime Molds
6. Plasmodium –
7. Fruiting body –
8. Cellular Slime Molds
9. Feeding stage –
10. Pseudoplasmodium –
11. Water Molds –

**Kingdom Fungi**

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1. Mycology –
2. Nutrition
3.
4.
5. Saprophytes –
6. Parasites -
7. Plants –
8. Humans –
9. Fungal Growth
10.
11.
12. Fairy rings –
13. Classification –
14. Zygomycota –
15. Examples:
16. Structure
17. Rhizoids –
18. Stolons –
19. Sporangia –
20. Reproduction
21. Asexual –
22. Sexual –
23. Ascomycota –
24. Examples:
25. Reproduction
26. Asexual –
27. Sexual –
28. Basidiomycota –
29. Examples:
30. Structure
31. Stipe –
32. Cap –
33. Gills –
34. Hyphae –
35. Mycelium -
36. Reproduction
37. Asexual –
38. Sexual –
39. Edible vs. Poisonous –
40. Deuteromycota –
41. Examples:
42. Reproduction –
43. Symbiosis
44. Lichens –
45. Mycorrhizae –
46. Benefits
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1. Human Uses for Fungi
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