



Types of Questions

- 1- Define the followings : Mycology , fungi, Heterotrophic, Autotrophic, Achlorophyll, Thallas, arbuscles , Aplanospores , planospores, slime molds, Chytridiomycetes, Yeasts, fungal mycelium, hypha, septa, septate mycelium, uninucleate, binucleate, multinucleate, non septate mycelium, coenocytic, rhizoid, Haustorium, fungi trap nematodes, Mushroom, Morelles, Rhizomorph, *Armillaria mellea*, *Elaphomyces* sp., Plectenchyma, pseudo-fungal tissue, prosenchyma tissue, pseudoparenchyma tissue, Saprophytism, Saprophytes, Obligate saprophytic fungi, Facultative parasites, Parasitism, Parasitic fungi, intracellular parasite, Intercellular parasite, Obligate parasitic fungi, Facultative saprophytes, Symbiosis, Lichens, Mycorrhiza, Ectotrophic mycorrhiza, Ectomycorrhiza , Endotrophic mycorrhiza , Endomycorrhiza, vegetative phase, , the Stage of nutrition , Tropic phase, Reproductive phase, perfect fungi, Imperfect fungi, Mycelia sterilia, Holocarpic, Eucarpic, Fragmentation, Budding, Cell fission, Chlamydospores, Spores formation, Mitospores, pseudomycelium, Blastospore, Arthrospore , Oidium.
- 2- Fungi are heterotrophic organisms, what they mean and what are the other organisms called in opposite behavior.
- 3- Does the term Achlorophyll apply to fungus and if it does not apply , what is the term? Appropriate for this situation.
- 4- The fungus is colored differently. Does green color revert to chlorophyll pigments?
- 5- What is thallas means?
- 6- List the types of thallus with a degree of development ,with examples and drawing if found.
- 7- It is said that fungus cells with one or two nuclei or more, what they express as terms scientific .
- 8- Are Coenocytic and Non septate mycelium two terms for a single or different means. And what they mean , where they are in the fungus.
- 9- Compare between rhizoid and haustoria.
- 10- What is plectenchyma means , and they types with examples, drawing and annotations.
- 11- What are fruits means , and what are the types , mention with the drawing.
- 12- What are the differences between Rhizomorph and Sclerotia?
- 13- What are the stages of filamentous fungi growth?



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- 14- What do fungi need to grow and live?
- 15- What are the sources of fungal nutritions.
- 16- What are the fungal ways of living, mention them in detail with examples.
- 17- What is Symbiosis? Describe it in detail with examples.
- 18- Where do you find Arbuscles and what do you mean?
- 19- Numerat some of soils fungi , and how to divide them depending on their presence.
- 20- How can Initiate and develop of hyphae? with draw.
- 21- How the transverse walls form in fungus.?
- 22- The English word mycology derives from-----
- 23- What are the main branches of Mycology?
- 24- When and where fungus grow profusely?
- 25- What are the size of fungi?
- 26- What are the Methods of feeding in fungi ?
- 27- What are the nutritional and growth requirements of fungi?
- 28- What are the methods of living and environment relationships of fungi?
- 29- How can divided The fungus according to the degree of saprophytism ?
- 30- Give exampels of obligate saprophytic fungi and facultative parasites.
- 31- Give exampels of obligate parasitic fungi and Facultative saprophytes
- 32- Give exampels of Symbiosis fungi.
- 33- The complete life cycle of fungi consists of two stages ,what are they?
- 34- The length of the vegetative and reproductive phase depends on-----
- 35- Fungi are characterized by two kinds of reproduction, What are they?
- 34- What are characteristic spores of the higher fungi and lower fungi ?
- 35- Give exampels of fungi that reproduct by Fragmentation, Budding, Cell fission ,Chlamydo spores, Spores formation.
- 36- What are the names of the spores that produced from Fragmentation, Budding .

Good luck .