

NAT II Biological Science Botany

Sr	Questions	Answers Choice
1	Vegetative parts of ----- are easier to observe than reproductive parts	A. Angiosperms B. Gymnosperms C. Bryophytes D. Pteridophytes
2	The criteria of the classification are the ----- on which the classification is based.	A. Groups B. Divisions C. Characters D. Orders
3	Fungi cause certain animal diseases. How Ringworm and athlete's foot are caused by fungi	A. Imperfect fungi B. Aspergillus fumigatus C. Purple ergot D. Soil contaminated with bird's feces
4	Fungi are used in food industry, which fungi is used in bakery for flavor, aroma, color to some cheese	A. Yeast B. Penicillium C. Aspergillus D. Neurospora
5	Many fungi are the sources of drugs, which drug is used to lower the blood cholesterol level	A. Griseofulvin B. Cyclosporine C. Lovastatin D. Ergotin
6	Why molds can grow on oranges and jelly kept in refrigerator where generally bacteria cannot reach	A. They are well adapted to live on land B. Hyphae are modified C. They can tolerate temperature extremes minus 5 degree centigrade below freezing and 50 degree centigrade or more D. They have rhizoids
7	Parasexuality is a special type of genetic recombination which is showed by which group of fungi	A. Penicillium B. Imperfect fungi C. Powdery mildews D. Spitting fungus
8	Rusts belong to the group of club fungi they are called so because	A. Orange-yellow colored disease spots on their host surface B. Dusty spore masses that resemble soot C. Rust have fruiting bodies D. Puccinia species
9	Saccharomyces cervisiae is the most commonly exploited yeast which feature highlights their economic importance	A. Asexual reproduction B. Unicellular C. They ferment carbohydrate to ethanol and carbon dioxide D. Sexual reproduction
10	In Zygomycota during sexual reproduction, zygote formed directly by the fusion of hyphae forms temporary, dormant, thick walled resistant structure called as	A. Ascospores B. Zygospores C. Asci D. Ascocarps
11	A fungal hyphae having 2 nuclei of different genetic type is called as	A. Karyogamy B. Plasmogamy C. Heterokaryotic D. Fragmentation
12	Mushroom belongs to group of club fungi and has septate, length dikaryotic phase, which is the main phylum to which it belongs	A. Zygomycota B. Basidiomycota C. Deuteromycota D. Ascomycota
13	Fungi are classified in a number of groups which is one of the following groups that does not show sexual reproduction	A. Zygomycota B. Ascomycota C. Basidiomycota D. Deuteromycota
14	In fungi asexual reproduction occurs by all these method except which one	A. Spores B. Conidia C. Binary fission D. - - -

		D. Budding
15	What are the important features that fungi have which help them in their survival on land?	A. Tolerate wide range of pH B. Tolerate temperature C. Tolerate high osmotic pressure D. All of the above
16	A symbiotic association between certain fungi and certain photoautotrophes either green algae or a cyanobacterium or sometimes both is termed as	A. Mycorrhizae B. Lichens C. Endomycorrhizae D. Ectomycorrhizae
17	Which one of these is a predatory fungus?	A. <i>Pleurotus ostreatus</i> B. Mildews C. Armillaria D. Yeast
18	Parasitic fungi absorb nutrients directly from the living host cytoplasm with the help of hyphal tips called as	A. Rhizoids B. Constricting ring C. Haustoria D. Hyphae
19	What are the major decomposers of the biosphere contributing to the recycling of the elements used by living things?	A. Saprobic fungi and bacteria B. Plants C. Animals D. Algae
20	All fungi lack chlorophyll and on the basis of their mode of nutrition, they include all these groups except	A. Absorptive heterotrophs B. Saprotrophs C. Decomposers D. Autotrophs