

## MDCAT Biology Chapter 3 MCQ's Test

Sr	Questions	Answers Choice
1	Photosynthetic bacteria possess chlorophyll which differ from the chlorophyll of:	A. Yellow plants B. Green plants C. Blue Green plants D. Purple Plants
2	In the classification system, the mode of nutrition related to fungi is:	A. Ingestion B. Photosynthesis C. Absorption D. Chemosynthesis
3	Which fungus is found growing on and spoiling moist bread, fruit:	A. Rhizopus B. Penicillium C. Aspergillus D. Candida
4	When flagella surround the whole bacteria cell, the condition is called:	A. Peritrichous B. atrichous C. lophotrichous D. amphreichous
5	Which eukaryote is mostly used by genetic engineers	A. Pencillium B. Yeast C. Slime mold D. Aspergillus
6	Which is dinoflagellate:	A. Acetabularia B. Chondrus C. Laminaria D. Ceratium
7	E. coli are	A. Cocci B. Bacilli C. Spiral D. None of these
8	Protists with two nuclei	A. Actinopods B. Zooflagellates C. Ciliates D. Apicomplexans
9	Parasitic bacteria are fully dependent on their host for their:	A. Respiration B. Excretion C. Nutrition D. Growth
10	The organism that obtains carbon and energy from organic matter is	A. Heterotroph B. Autotroph C. Chemosynthetic D. Parasite
11	Conjugation takes place in:	A. Ciliates B. Apicomplexans C. Actinopoda D. Foraminiferas
12	Spores are dispersed by	A. Wind B. WAter C. Insects D. All of these
13	Most multicellular red algae attach to rocks or other substances by a basal:	A. Stalk B. Clutch C. Stick D. Holdfast
14	----- are ecologically very important as bio-indicators of air pollution.	A. Lichens B. Predators C. Mycorrhizae D. Commensals
15	Which of teh following statement is correct?	A. All bacteria are autotrophic B. All bacteria are heterotrophic C. Al bacteria are photosynthetic D. Most bacteria are heterotrophic

but some are autotrophic

16	Fungi resemble plants in that	A. It possesses cell wall B. Lacks locomotion C. The centrioles are absent D. All these
17	Which algae incorporate calcium carbonate in their cell walls from the ocean:	A. Red algae B. Green algae C. Brown algae D. Blue green algae
18	The division of nucleus in fungus is called	A. Karyogamy B. Plasmogamy C. Sexual copulation D. None of these
19	Ciliates are unicellular organisms with a flexible outer covering called a:	A. pellicle B. skin C. Ectoderm D. Integument
20	The rod-shaped bacteria are called	A. Cocci B. Bacilli C. Vibriods D. Spirilla