

## MDCAT Biology Chapter 8 MCQ's Test

Sr	Questions	Answers Choice
1	Which rule depicts its correct statement regarding temperature variation?	A. <u>Allen's Rule:</u><div>Birds and mammals have greater size in cold region</div> B. <u>Bergman's Rule:</u><div>The tail snout and ears are smaller in colder region.</div> C. <u>Jordan's Rule:</u><div>Birds in cold regions are with narrow wings.</div> D. All are false.
2	Oxides of nitrogen are produced by burning of	A. Carbonate B. Leaded patrol C. Fossil fuels D. All of above
3	The process by which the limited amount of nitrogen is circulated and recirculated throughout the world of living organisms is known as the	A. Nitrogen cycle B. Nitrogen path way C. Nitrogen depletion D. None of above
4	The organisms found in the gut of the termites which help it digest wood are the	A. Bacteria B. Fungi C. Flagellates D. Viruses
5	The study of relationship of an organisms to their environment is known as	A. Biology B. Ecology C. Zoology D. Mycology
6	Primary succession that starts on a dry habitat is called:	A. Hydrosere B. Derosere C. Xerosere D. Aquasere
7	The chemical elements essential for life in living organisms are called _____ elements	A. Biogenic B. Abiogenic C. Nutrient D. Both A and C
8	The parasite that live outside the body of the host is called as	A. Endoparasite B. Ectoparasite C. Outer parasite D. All of above
9	Terrestrial ecosystem have main types of ecosystem:	A. Five B. Four C. Three D. Two
10	The correct sequence in a food chain is	A. Mice - green plants - snake - hawk B. Green plants - mice - snake - hawk C. Mice - snake - green plants - hawk D. Green plants - hawk - snake - mice
11	The total energy from the sun is trapped by the producers in an ecosystem is about:	A. 20% B. 10% C. 5% D. 1%
12	There is an association between two organisms, which brings benefits to both the organisms	A. Predation B. Symbiosis C. Parasitism D. None of above
13	Which of the following is not a biotic component	A. Producers B. Consumers C. Decomposers D. Water
		A. Omnivores ... ...

14	Dominant species of mammals in grassland are the:	<b>B. Herbivores</b> C. Carnivores D. Insectivores
15	Climax in zerosere is the establishment fo	<b>A. Woody forest</b> B. Grasses C. Herbs D. Shrubs
16	_____ incorporate gaseous nitrogen from air into organic nitrogen containing compounds	<b>A. Nitrogen fixing bacteria</b> B. Nitrogen degrading bacteria C. Both A and B D. None of above
17	_____ components include all living organisms including plants and animals supported by biosphere	<b>A. Biotic</b> B. Abiotic C. Physical D. Both a and b
18	Some _____ years ago human population and conversion of land to agricultural production began	<b>A. 10,000</b> B. 40,000 C. 5000 D. None
19	Macronutrients are required by the organisms in:	<b>A. Small amount</b> <b>B. Large amount</b> C. Traces D. Never required
20	Which one of the following is true	<b>A. Population is a larger unit than a community</b> <b>B. Biosphere is a smaller unit than a biome</b> <b>C. Biome and community are equal units</b> <b>D. Biome is a larger unit than population</b>