

MDCAT Biology Chapter 8 MCQ's Test

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

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