

## MDCAT Biology Chapter 8 MCQ's Test

| Sr | Questions   | Answers Choice  |
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| 1  | Dominant species of mammals in grassland are the:   | A. Omnivores<br>B. Herbivores<br>C. Carnivores<br>D. Insectivores   |
| 2  | _____ symbiont the root nodules of legume plants  | A. Virus<br>B. Fungi<br>C. Bacteria<br>D. Nematods  |
| 3  | An association between certain fungi and the roots of plants growing in acid soil is:               | A. Lichens<br>B. Predation<br>C. Mycorrhiza<br>D. Commensalism  |
| 4  | The green photosynthetic plants, which capture and bring light energy into the ecosystem are:       | A. Decomposers<br>B. Consumers<br>C. Producers<br>D. Scavengers   |
| 5  | The productivity of aquatic ecosystem is basically determined by the:                               | A. Light and nutrients<br>B. Light and carbohydrates<br>C. Light and proteins<br>D. Light and minerals  |
| 6  | What is trampling   | A. Eating grasses to roots<br>B. Nipping leaves<br>C. Overgrazing<br>D. Putting pressure on soil to make it compact   |
| 7  | Which disease is due to nutritional deficiency  | A. Scurvy<br>B. Diabetes<br>C. Herpes<br>D. Diphtheria  |
| 8  | After digestion, decomposers releases   | A. Various organic substances from organic matter<br>B. Nitrates, phosphates, and calcium<br>C. Citric acid, tartaric acid and oxalic acid<br>D. All of these |
| 9  | Ecology is a _____ word.  | A. German<br>B. British<br>C. French<br>D. Greek  |
| 10 | In each case succession begins with few hard invaders called:                                       | A. Producers<br>B. Consumers<br>C. Pioneers<br>D. Beginners   |
| 11 | When bacteria break down nitrates and release nitrogen back into atmosphere this process is called: | A. Nitrification<br>B. Denitrification<br>C. Ammonification<br>D. Deamination   |
| 12 | We can strengthen the soil nitrogen resources by adding:  | A. Liquid nitrogen to soil<br>B. Ammonia gas to soil<br>C. Nitrogen fertilizers to soil<br>D. Nitrogen fixing bacteria to soil                                |
| 13 | Food web is the group of various  | A. Food substances<br>B. Food chains<br>C. Trophic levels<br>D. All of these  |
| 14 | Plants growing in xeric (dry) condition are called:   | A. Hydrophytes<br>B. Xerophytes<br>C. Mesophytes<br>D. Derophytes   |

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| 15 | Ozone is present at about _____ km above earth  | A. 5 -10<br>B. 10 - 20<br>C. 10 - 40<br>D. 10 - 50  |
| 16 | The amount of energy left after plant have met their respiratory need is net primary production called as | A. Mass<br>B. Gross production<br>C. Biomass<br>D. None   |
| 17 | The organisms of same species live in a same place is called  | A. Community<br>B. Population<br>C. Consumers<br>D. All of these  |
| 18 | The productivity can be indicated by:   | A. Consumption of water and evolve of $O_2$<br>B. Consumption of $CO_2$ and water<br>C. Consumption of $CO_2$ and evolve of $O_2$<br>D. Consumption of minerals and evolve of $N_2$ |
| 19 | Air conditioners are the source of  | A. Effluents<br>B. $SO_2$ , $NO_2$<br>C. Heavy metals<br>D. CFCs  |
| 20 | In an ecosystem after succession, a new invaders are called   | A. Pioneers<br>B. Predecessors<br>C. Climax community<br>D. None of these   |