



قائمة الاسئلة 2025-04-22 04:45

علم البيئة الميكروبية-(433201)-الثالث-العلوم الحياتيه-كلية العلوم-درجة الامتحان (50)

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- 1) Algal partner in lichens is called
 - 1) ☒ Phycobiont
 - 2) ☐ Mycobiont
 - 3) ☐ Commensal
 - 4) ☐ Host
- 2) Conversion of nitrates (NO_3^-) into gaseous nitrogen (N) is called
 - 1) ☒ Denitrification
 - 2) ☐ Nitrification
 - 3) ☐ Ammonification
 - 4) ☐ Assimilation
- 3) The maximum temperature limit of growth is 113°C .
 - 1) ☐ *Picrophilus*
 - 2) ☒ *Pyrolobus fumarii*
 - 3) ☐ *Psychrobacter cryopegella*
 - 4) ☐ *Sulfolobus acidocaldarius*
- 4) RNA polymerase of eukarya composed of 1 (8-12 subunit)
 - 1) ☐ TRUE.
 - 2) ☒ FALSE.
- 5)uses the nitrogen fixed by
 - 1) ☐ *Azotobacter*, *Cellulomonas*
 - 2) ☒ *Cellulomonas*, *Azotobacter*
 - 3) ☐ *Desulfovibrio*, *Chromatium*
 - 4) ☐ *Chromatium*, *Desulfovibrio*
- 6)contain many ecosystems.
 - 1) ☐ Habitat
 - 2) ☒ Biome
 - 3) ☐ Ecosystem
 - 4) ☐ Community
- 7) *Aphanethece halophytica* grow in
 - 1) ☒ High salt concentration
 - 2) ☐ Low salt concentration
 - 3) ☐ Moderate salt concentration
 - 4) ☐ Normal salt concentration
- 8) The ability of a body of water to rid itself of pollutants or purification of oneself is called.....
 - 1) ☐ Spring blooming
 - 2) ☒ Self-purification
 - 3) ☐ Bioremediation
 - 4) ☐ Biodegradation
- 9) is any change that causes a disruption in the balance of an ecosystem.
 - 1) ☐ Ecosystem
 - 2) ☐ Ecological balance
 - 3) ☒ Disturbanc
 - 4) ☐ Contamination
- 10) Cyanidium can grow at pH
 - 1) ☒ 2



- 2) - 3
3) - 4
4) - 5
- 11) Soil is an important source of pollution in and itself and a carrier of pollutants
1) ☒ TRUE.
2) - FALSE.
- 12) Skin normal flora produce fatty acid that inhibit many pathogen in skin.
1) ☒ TRUE.
2) - FALSE.
- 13)as a result of release of radioactive substances into the environment during nuclear explosions.
1) ☒ Radioactive pollution
2) - Light pollution
3) - Visual pollution
4) - Noise pollution
- 14) Reducing light pollution by muffling the sounds at the source.
1) - TRUE.
2) ☒ FALSE.
- 15) regions with very little rainfall and the days are hot and the nights are cold.
1) - Forest Ecosystem
2) - Grassland Ecosystem
3) - Tundra Ecosystem
4) ☒ Desert Ecosystem
- 16) The predator that attacks the other organism is called.....
1) ☒ Prey
2) - Predator
3) - mycobiont
4) - Phycobiont
- 17) The amount of energy and biomass produced by consumers is called.....
1) - Net primary productivity
2) ☒ Secondary productivity:
3) - Gross primary productivity
- 18) is the increment of concentration of a substance in the tissues of organisms present at a higher level in a food chain.
1) - Bioremediation
2) ☒ Biomagnification
3) - Biodegradation
4) - Biosphere
- 19) Owl considered primary consumer.
1) - TRUE.
2) ☒ FALSE.
- 20) Carbon enters into the living world in the form of carbon dioxide through the process of
1) - Respiration
2) ☒ photosynthesis
3) - Burning of fossil fuels
4) - The dead bodies of plants and animals
- 21)produce biofilm to prevent +H from entering cell.
1) - Halophiles
2) ☒ Acidophiles
3) - Basophile



- 4) - Barophile
- 22) Cell membrane of Archae composed of
- 1) ☒ Glycerol ether of isoprenoids
 - 2) - Glycerol ester of fatty acid
 - 3) - Lipopolysaccharide
- 23) Esthetic problem arise from
- 1) ☒ Water pollution
 - 2) - Soil pollution
 - 3) - Air pollution
 - 4) - Noise pollution
- 24) From the effects of eutrophication is.....
- 1) ☒ Oxygen depletion
 - 2) - Oxygen increment
 - 3) - Biomagnification
 - 4) - Bioremediation
- 25) Detritus food chain is a type of food chain that starts with green plants
- 1) - TRUE.
 - 2) ☒ FALSE.
- 26) breakdown H₂S and release sulfur gas in sulfur cycle.
- 1) ☒ Sporovibrio
 - 2) - Thiobacillus
 - 3) - Rhizobium
 - 4) - Azotobacter
- 27) are a group of eukaryotic oxygenic photosynthetic microorganisms that contain chlorophyll a
- 1) - Fungi
 - 2) ☒ Algae
 - 3) - Bacteria
 - 4) - Viruses
- 28) Spring blooming is a strong increase in phytoplankton abundance that occurs in the winter.
- 1) - TRUE.
 - 2) ☒ FALSE.
- 29) Microbe in human body exist under much more constant condition.
- 1) ☒ TRUE.
 - 2) - FALSE.
- 30) Surface of animals is
- 1) ☒ Habitat
 - 2) - Biome
 - 3) - Ecosystem
 - 4) - Biosphere
- 31) Monovalent and divalent salts found in.....
- 1) - Psychrophiles
 - 2) ☒ Thermophiles
 - 3) - Alkaliphiles
 - 4) - Acidophiles
- 32) Most of the deep sea is at a constant temperature of
- 1) - 20°C
 - 2) ☒ 2°C
 - 3) - -10°C.
 - 4) - -5°C.



- 33) Nitrosomonas oxidize..... to nitrite and Nitrobacter oxidizes nitrite into
- 1) ☒ Ammonia, nitrate.
 - 2) ☐ Ammonia, nitrite
 - 3) ☐ Nitrate, nitrite
 - 4) ☐ Nitrite, nitrate
- 34) cannot be found in air in the gaseous state.
- 1) ☐ Nitrogen
 - 2) ☐ Sulphur
 - 3) ☒ phosphorus
 - 4) ☐ Carbon
- 35)= GSP - energy consumed (in respiration).
- 1) ☐ Net primary productivity
 - 2) ☐ Gross primary productivity
 - 3) ☐ Gross secondary productivity
 - 4) ☒ Net secondary productivity
- 36) Protozoa are important environmentally because they serve as the foundation of the food chain in many aquatic ecosystems.
- 1) ☒ TRUE.
 - 2) ☐ FALSE.
- 37) The abiotic factors vary from ecosystem to ecosystem.
- 1) ☒ TRUE.
 - 2) ☐ FALSE.
- 38) The food web is not able to show the proper representation of energy flow.
- 1) ☐ TRUE.
 - 2) ☒ FALSE.
- 39) Desulfovibrio and Chromatium are forminteraction.
- 1) ☐ Mutualism
 - 2) ☒ Protocooperation
 - 3) ☐ Commensalism
 - 4) ☐ Parastism
- 40) Mycorrhizae is protozoa found in ruminats.
- 1) ☐ TRUE.
 - 2) ☒ FALSE.