

NOUN Exams Past Questions

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Question <p>Living organisms utilize ____ to maintain life</p>

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Question <p style="text-align:left">Energy is needed for the manufacture of ____ substances </p>

Question <p>The ____ is the basic unit of structure and function in living organisms.</p>

Question <p>____ cells have adrenaline, thyroxine and the organelle centriole</p>

Question <p>The diameter of a typical animal cell is about ____ of a millimeter.</p><p> </p>

Question <p>____ cells have chlorophyll, cellulose and starch </p>

Question <p>The ____ is the structure that allows the molecules to pass from one solution to the other.</p><p> </p>

Question <p>In plant cell, the ____ (not the cell wall) act as the differentially permeable</p><p>membrane.</p>

Question <p>The structure of ____ consist of either DNA or RNA</p>

Question <p>Virus ____ attaches to a specific receptor protein in the cell surface</p><p>membrane. </p>

Question <p>The viral ____ is released into the cytoplasm of the host cell, together with the</p><p>enzyme reverse transcriptase.</p>

Question <p>After a period of inactivity known as the ____ period, which lasts on average 5</p><p>years, the virus becomes active again.</p><p> </p>

Question <p>Whenever the cell divides, it also makes a ____ of the viral DNA. Increasing the number of infected cells.</p>

Question <p>Virus particles bud off from the cell surface membrane of the host by ____.</p>

Question <p>____ are the most ancient group of organisms that appeared about 3,500 million years ago.</p>

Question <p>Some bacteria can survive at very high temperatures of up ____ to degree</p><p>centigrade or very low freezing temperatures.</p>

Question <p>____ is the partially permeable membrane that
surrounds the living material of the bacterial cell.</p>

Question <p>____ :small, self-replicating circle of extra DNA with a
few genes but</p><p>provide extra survival advantage.</p>

Question <p>____ are fine hair-like protein fibrils that serve as
organs of locomotion.</p><p> </p>

Question <p>The process by which bacteria acquire energy and materials
is known as ____</p><p> </p>

Question <p>Living organisms that synthesize their organic requirement
by using light are called ____</p>

Question <p>____ organisms are those that source their carbon
requirement from inorganic matter</p>

Question <p>____ organisms are those that derive their carbon source
from organic matter.</p>

Question <p>Saprotrophs are organisms that obtain their food from dead
and decaying matter. They digest their food by secreting enzymes onto the
organic matter so the digestion actually takes place outside of the
organism. True or False____</p>

Question <p>____ (also known as symbionts) refers to a process in which
two living organisms that have a close relationship derive mutual
benefits from each other. </p>

Question <p>____ are living organisms that live in or on other
organisms (called host) from which they obtain their food and sometimes
shelter.</p>

Question <p>Obligate parasites can only survive and grow in living
cells while the facultative parasites infect their host, bring about its
death and continue to live on its remains. True or False ____</p>

Question <p>____ are bacteria that carryout photosynthesis and use
carbon dioxide as a source of carbon.</p><p> </p>

Question <p>Chemoautotrophic Bacteria, is also known as____</p>

Question <p>When suitable conditions are available bacteria can grow
very rapidly. The following conditions enhance bacteria growth right
temperature, nutrient availability, pH and ionic concentrations. True or
False____ </p>

Question <p>Primitive forms of sexual reproduction where there is an
exchange of genetic material also takes place in some bacteria. The
process is called ____ </p>

Question <p>Eventually growth of the colony begins to slow down and it
starts to enter the stationary phase where growth rate is ____</p>

Question <p>____ is a situation
where a person whose immune system has been severely weakened falls prey
to all kinds of bacterial infection.</p>

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Question <p>Fungi have over 80,000 species and are diverse in nature.</p>

Question <p>All fungi are not beneficial to man like the mushrooms, which is destructive.. </p><p> </p>

Question <p>Algae are useful to man in many ways, some serve as food in many parts of the world. Algae start a very good point in food chain.</p>

Question <p>Tap root is the primary root that grows ____, it has branches which are not as big as the primary root. </p>

Question <p>When the stem lies prostrate on the ground it is called procumbent while after trailing for some distance, it rises at the apex, it is called decumbent. </p>

Question <p>The node is the point on the stem or branch where one or more leaves develop. While the space or distance between two nodes is termed internodes..</p><p> </p>

Question <p>The habits of plants are known from the mode of their life, the height of the plants, the nature of the stem and the duration of life. True OR False ____</p>

Question <p>Which one of the following algae is a source of iodine</p><p> </p>

Question <p>Pyrenoids are found in which of the following organs of Spirogyra:</p>

Question <p>The blue-green algae belong to</p><p> </p>

Question <p>Cellular organelles containing hydrolytic enzymes are called:</p>

Question <p>The sedimentation constant of ribosome is generally 70S . Its breaks up into two subunits whose sedimentation constants are</p>

Question <p>Ribosomes help in</p><p> </p>

Question <p>Food is converted to energy in</p>

Question <p>Which of the following is a common feature of all cells?</p>

Question <p style="text-align:justify">Which of the following best describes the function of rough endoplasmic reticulum in eukaryotic cells?</p>

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