



EXAMINATION MATERIAL - 2022

ZOOLOGY XI

SECTION A

MULTIPLE CHOICE QUESTION (MCQ'S)

Topics					
Chapter 1 Introduction of biology	<p>Multiple choice question answer</p> <p>1. Malaria is caused by:</p> <table border="1" data-bbox="459 881 1518 924"><tr><td>• Bacteria</td><td>• Amoeba</td><td>• Blue whale</td><td>• Plasmodium</td></tr></table> <p>2. An educated guess given by a scientist about a biological problem is called a. Observation b) hypothesis c) deduction d) theory</p> <p>3. The smallest level of biological organization is a. chemical foundation b) cell c) atom d) tissue</p> <p>4. The part of protoplasm which controls function is called. a. cytoplasm b) nucleus c) DNA d) cell membrane</p> <p>5. The study of group and naming of organisms is known as a. taxonomy b) embryology c) biotechnology d) genetics</p> <p>6. Who introduced the five kingdom system in 1969. a. Schwartz b) Whittaker c) Margulis d) Fleming</p> <p>7. Which of the following is used for treating cancer not responding to drugs a. chemotherapy b) radiotherapy c) both a and b d) none of these</p>	• Bacteria	• Amoeba	• Blue whale	• Plasmodium
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Chapter no 2 Biological molecules	<p>1. The chemical compounds of living organisms are called a. Bioenergetics b) biochemical c) biosynthesis d) biomolecules</p> <p>2. The pH of water is. a. 7 b) 8 c) 6 d) 9</p> <p>3. The basic element of organic molecules is. a. Nitrogen b) carbon c) mg d) O²</p> <p>4. The process in which polymers are broken down into simpler molecules is called. a. Dehydrate b) condensation c) hydrolysis d) symbiosis</p> <p>5. Proteins are composed of. a. amino acids b) benzoic acids c) alkyl acids d) ketonic acids</p> <p>6. Hemoglobin is a type of protein. a. primary protein b) secondary protein c) tertiary protein d) quaternary protein</p> <p>7. Sucrose, maltose and lactose are examples of. a. monosaccharides b) disaccharides c) polysaccharides d) tetrasaccharides</p> <p>8. DNA is present in the. a. nucleus b) cytoplasm c) mitochondria d) ribosomes</p>				

<p>Chapter no 3 Enzymes</p>	<p>1) The biocatalyst which increase the chemical reaction are called a) Enzymes b) reactants c) products d) isomers</p> <p>2) Mostly enzymes are composed of a) Carbohydrates b)lipids c) protein d)terpenoids</p> <p>3) The terms enzymes was proposed by a) Khoshland b)Margules c)Robert d)Kuhne</p> <p>1) Lock _key theory about action of enzymes is proposed by a. Fischer b) koshland c)stanely d)kuhne</p> <p>2) The inactive side of enzymes is called a. active site b) allosteric site c)non _allosteric site d)feed back site</p> <p>3) The enzymes which are composed of protein and other groups are called a. conjugated enzymes b) simple enzyme c)apoenzymes d) none of them</p> <p>4) The protein part of enzymes is called a. Apoenzymes b) holoenzyme c) prosthetic group d) coenzymes</p> <p>5) The inorganic substance which increase the activity of enzymes are called a. activators b) inhibitors c) competitive inhibitors d) none of them</p>
<p>Chapter no 7 Kingdom protocista</p>	<p>1. Which one of the following is included in phylum protozoas. a) Trypanosome b)planaria c)hydra d)ascon</p> <p>2. In euglena locomotion occurs by a) cilia b)flagella c)pseudopodia d)setae</p> <p>3. Contractile vacuole take part in a) reproduction b) digestion c) excretion d)respiration</p> <p>4. In Amoeba locomotion take place by. a)cilia b) pseudopodia c)flagella d)tentacles</p> <p>5. Amoeba is included in class. a) flagella b) ciliata c)sporozoa d) Sarcodina</p> <p>6. Amoeba captures the food by the help of a) cilia b) Flagella c) pseudopodia d)tentacles</p> <p>7. Plasmodium causes disease in the body of man. a. Typhoid b. Malaria c. Tuberculosis d. Flue</p> <p>8. The formation of gametocyte in the life cycle of plasmodium is called. a. Gamogony b. Sporogony c. Schizogony d. Cryptogony</p>
<p>Chapter no 10 Kingdom Animalia</p>	<p>1. The kingdom animalia is divided in _____ phyla. a. 32 b. 33 c. 34 d. 35</p> <p>2.The Classification or grouping of animals is called. a. Taxonomy b. Morphology c. Paleontology d. Ethology</p> <p>3. The process of mitotic division in the development of zygote is called. a. Morulla b. Blastula c. Cleavage d. Symmetry</p> <p>4. The overall shape of an animals body is called. a. Asymmetry b. Symmetry c. Aestivation d. Gastrulation</p> <p>5. The animals which have no body cavity are called. a. Coelomate b. Pseudocoetemate c. Acoelomate d. Coelentrate</p> <p>6. Sponges are included in phylum. a. Porifera b. Protozoa c. Annelida d. Coelenterate</p> <p>7. Hydra obelia, jelly fish, sea anemone belong to the phylum. a. Mollusca b. Cnidaria c. Porifera d. Arthropod</p>
<p>Chapter 12 Nutrition</p>	<p>1. The nutrition in which complex non-diffusible food is taken in and digested by enzymes is called. a. Holozoic b. Parasitic c. Saprophytic d. Non of them</p> <p>2. The animals which attack and kill their prey to eat are called. A. Primary consumer b. Predators c. Detritivores d. Omnivores</p> <p>3. The animals which eat plant and meat are called. Herbivores b. Carnivores c. Omnivores d. Detritivores</p> <p>4. Reabsorption of water and salts from undigested food take place in the region of. A. Caecum b. ileum c. Colon d. Rectum</p> <p>5. The secretion of liver is called. A. Bile b. Amylopsin c. Saliva d. Trypsin</p>

<p>Chapter 13 Gaseous Exchange</p>	<p>1. Amoeba and paramecium get O₂ through the. A. Oral Groove b. Cilia c. Cell membrane</p> <p>2. The respiratory organ of fish are called. A. lungs b. Gills c. Trachea d. Skin</p> <p>3. Opening of the nose outside the body is called. A. External Nostril b. Internal nostril c. middle nostril d. None of them</p> <p>4. The breathing which is controlled automatically is called. a. Voluntary breathing b. Involuntary breathing c. Tidal breathing d. Vital breathing</p> <p>5. The tidal volume of air during normal breathing is. a. 0.5 liter b. 1.0 liter c. 1.5 liter d. 2.0 liter</p>
<p>Chapter no 14 Transport</p>	<p>1. The system in which food and O₂ are supplied to all cells of the body is called. A. Respiration b. Transportation c. Digestion d. Excretion</p> <p>2. In the circulatory system the blood flow in blood vessels, it is called. A. Open type b. Closed type c. Mixed type d. Both a & b</p> <p>3. In amoeba food is taken in through the. A. Body surface b. mouth c. Tentacles d. None of them</p> <p>4. Each pumping action of the heart is called. A. Heart beat b. Circulation c. Pumping heart d. None of them</p> <p>5. Man has an average of heart beats per minute when at rest. a. 72 per minute b. 75 per minute c. 80 per minute d. 85 per minute</p> <p>6. The heart of fish is. a. 2 chambered b. 3 chambered c. 4 chambered d. 5 chambered</p> <p>7. The right atrium receives. a. Oxygenated blood b. Deoxygenated blood c. Mixed blood d. none of them</p>