

MOCK Test Class-4 to 8 MCQS

250 MCQs

SCIENCE

Q:1 Which is central control system of the body ?

Ans: Brain

Q:2 Which part of body stores the food ?

Ans: Stomach

Q:3 Lungs are protected by :

Ans: Ribcage

Q:4 Which is the pumping station of the body ?

Ans: Heart

Q:5 How many Bones are there in Human body ?

Ans: 206

Q:6 Radio and Light waves are example of :

Ans: Transverse waves

Q:7 Heart is divided in _____ chambers :

Ans: 4 Chambers

Q:8 Which main sources protect body from diseases ?

Ans: Vitamins

Q:9 Vitamins are mainly found in :

Ans: Fruits & Vegetables

Q:10 Vitamin A prevents disease called :

Ans: Night Blindness

Q:11 Which vitamin strengthens Immune system ?

Ans: Vitamin C

Q:12 Which are the breathing centers of body ?

Ans: Lungs

Q:13 Asthma is main disorder of :

Ans: Lungs

Q:14 Larva of Butterfly is also called :

Ans: Caterpillar

Q:15 Seed develops from :

Ans: Ovule

Q:16 Through which organ human being inhale oxygen ?

Ans: Nose

Q:17 Fish use which organ to breath ?

Ans: Gills

Q:18 What give us energy ?

Ans: Food

Q:19 A lion's baby is called :

Ans: Cub

Q:20 Which is the baby of Cat ?

Ans: Kitten

Q:21 All Non-living things are known as :

Ans: Abiotic

Q:22 The natural home of an Organism is called :

Ans: Habitat

Q:23 Amphibians live in :

Ans: Land & Water

Q:24 Human beings are :

Ans: Omnivores

Q:25 Those living which eats only Meat :

Ans: Carnivores

Q:26 How many components of Environment ?

Ans: 2 Components

Q:27 All green Plants are called :

Ans: Producers

Q:28 Which day is celebrated as World Environment day ?

Ans: 5th June

Q:29 How many Biotic Components ?

Ans: 3 Components

Q:30 How many Abiotic Components ?

Ans: 5 Components

Q:31 Those living which eats only Plants :

Ans: Herbivores

Q:32 Give any one example of Decomposers :

Ans: Fungi

Q:33 Dolphin is a :

Ans: Mammal

Q:34 Anything that occupies space and has mass is called :

Ans: Matter

Q:35 How many states of matters are there ?

Ans: 3 States

Q:36 How many types of Reflection ?

Ans: 2 Types

Q:37 Solids, liquids and gases mix together to form ?

Ans: Mixture

Q:38 Solid can be converted into liquid by :

Ans: Heating

Q:39 Solution is a kind of :

Ans: Homogeneous Mixture

Q:40 Liquid can be converted into Solid by :

Ans: Cooling

Q:41 Water is called the :

Ans: Universal Solvent

Q:42 Heat is a form of :

Ans: Energy

Q:43 Heat energy is measured in :

Ans: Joule

Q:44 How many scales are there to measure temperature ?

Ans: 3 Scale

Q:45 Degree of hotness is measured by :

Ans: Thermometer

Q:46 The boiling point of Water is :

Ans: 100 Centigrade

Q:47 The freezing point of Water is :

Ans: 0 Centigrade

Q:48 A pull or push is called :

Ans: Force

Q:49 Speed is measured in :

Ans: Meter / Second

Q:50 Sound is produced when something :

Ans: Vibrates

Q:51 Sound cannot travel through :

Ans: Vacuum

Q:52 Unit of Decibel is denoted by :

Ans: dB

Q:53 Sound is also form of :

Ans: Energy

Q:54 Sound travel as :

Ans: Longitudinal waves

Q:55 What is the SI unit of Sound ?

Ans: Decibel

Q:56 The pitch of Sound is depends on :

Ans: Frequency

Q:57 The flow of Electricity is called :

Ans: Electric current

Q:58 Materials through which Electricity can pass are called :

Ans: Conductors

Q:59 Matter is made up of :

Ans: Atoms

Q:60 How many fundamental particles of Atom ?

Ans: 3 Particles

Q:61 Which type of Charge on Neutron ?

Ans: Neutral (No Charge)

Q:62 The rotation of Earth on its axis is called :

Ans: Earth's Rotation

Q:63 Which is the basic Unit of Classification ?

Ans: Species

Q:64 Study of Algae is called :

Ans: Phycology

Q:65 Birds and Animals are :

Ans: Warm-blooded

Q:66 The body of fish is covered with :

Ans: Scales

Q:67 Plants that do not produce flowers are called :

Ans: Non-flowering plant

Q:68 The study of Micro-organisms is called :

Ans: Microbiology

Q:69 Which is the basic unit and building block of life ?

Ans: Cell

Q:70 Power House of Cell is :

Ans: Mitochondria

Q:71 Motile bacterium moves with the helps of :

Ans: Flagella

Q:72 Polio is caused by :

Ans: Virus

Q:73 Microscope was invented by :

Ans: Zacharias Janssen

Q:74 Paramecium and Amoeba animals are :

Ans: Unicellular

Q:75 Seed coat is known as :

Ans: Testa

Q:76 How many types of Seeds are there ?

Ans: 2 Types

Q:77 The opening of Seed is called :

Ans: Micropyle

Q:78 The ovarian wall becomes fruit wall called :

Ans: Pericarp

Q:79 Most of the plants reproduce through :

Ans: Seeds

Q:80 Which part of seed develops into new plant ?

Ans: Embryo

Q:81 How many types of Germination ?

Ans: 2 Types

Q:82 Pull or push of an object is called :

Ans: Force

Q:83 A force of Attraction between two objects is called :

Ans: Gravity

Q:84 Quantity of matter in an object is :

Ans: Mass

Q:85 Mass is measured in :

Ans: Kilogram

Q:86 Weight is measured in :

Ans: Newton

Q:87 Lever is a kind of :

Ans: Simple Machine

Q:88 How many kinds of Lever are there ?

Ans: 3 Kinds

Q:89 How many types of Pulley ?

Ans: 3 Types

Q:90 How many major types of Pollution ?

Ans: 3 Types

Q:91 Which is the main cause of Air pollution ?

Ans: Burning of Fuels

Q:92 Green-house gas is a :

Ans: Carbon Dioxide

Q:93 How many divisions does Fahrenheit have :

Ans: 180 divisions

Q:94 Bronze is an alloy of :

Ans: Copper and Tin

Q:95 The water change into Gaseous state is called :

Ans: Evaporation

Q:96 Light travels in a straight line which is called :

Ans: Rays

Q:97 A collection of Rays is called :

Ans: Beam

Q:98 The Moon is a :

Ans: Non-Luminous

Q:99 Speed of light in a Vacuum is :

Ans: About 300,000 km/s

Q:100 How many phases of Moon are there ?

Ans: 8 Phases

Q:101 White light is composed of :

Ans: 7 Colors

Q:102 Electric current is measured in :

Ans: Ampere

Q:103 How many types of Electric current are there ?

Ans: 2 Types

Q:104 Protons and Neutrons are made up of :

Ans: Quarks

Q:105 Electron was discovered by :

Ans: J.J Thomson

Q:106 Proton was discovered By :

Ans: Ernest Rutherford

Q:107 Who is the father of Magnet ?

Ans: William Gilbert

Q:108 The surface layer of land is called :

Ans: Soil

Q:109 The organic matter in soil is called :

Ans: Humus

Q:110 What is the distance between Sun & Earth ?

Ans: 150 Million Km

Q:111 Which is the closest Planet to the Sun ?

Ans: Mercury

Q:112 When was cell discovered ?

Ans: In 1665

Q:113 Which is the Space Agency of Pakistan ?

Ans: SUPARCO

Q:114 How many Moons does Mars have ?

Ans: Two

Q:115 Which is the biggest Moon in Jupiter ?

Ans: Ganymede

Q:116 Which is the largest Planet in Solar System ?

Ans: Jupiter

Q:117 DNA stands for :

Ans: Deoxy-RiboNucleic Acid

Q:118 Who Discovered Cell ?

Ans: Robert Hooke

Q:119 Which is the basic unit of Life ?

Ans: Cell

Q:120 Plant cells also consist of ?

Ans: Cell Membrane

Q:121 Which Tissues protect all of body surfaces ?

Ans: Epithelial Tissue

Q:122 Who discovered Nucleus in Cell ?

Ans: Robert Brown

Q:123 Optic nerve is made up of Thousands of ?

Ans: Sensory Neurons

Q:124 How many parts of ear ?

Ans: 3 Parts

Q:125 Ear drum is present in :

Ans: Middle ear

Q:126 How many main parts of Eye ?

Ans: 6 Parts

Q:127 Which nerve is present in Nose ?

Ans: Olfactory Nerve

Q:128 Which is largest external organ in Human ?

Ans: Skin

Q:129 How many layers of Skin ?

Ans: 3 Layers

Q:130 Which part of Plant to make the food ?

Ans: Leaf

Q:131 Mostly chlorophyll found in ?

Ans: Leaf

Q:132 Which is green pigment inside the leaf ?

Ans: Chlorophyll

Q:133 The small pores in leaf are called ?

Ans: Stomata

Q:134 Photosynthesis is a :

Ans: Chemical Reaction

Q:135 What is chemical formula of Carbon Dioxide ?

Ans: CO₂

Q:136 What is formula of Glucose ?

Ans: C₆ H₁₂ O₆

Q:137 Mosquito is an example of ?

Ans: Parasite

Q:138 Lion is an example of ?

Ans: Predator-Prey

Q:139 What is the symbol of Magnesium ?

Ans: Mg

Q:140 What is average amount Nitrogen in the air ?

Ans: 78%

Q:141 Who discovered Oxygen ?

Ans: Joseph Priestly

Q:142 Elements are made up of :

Ans: Atoms

Q:143 Most common Element found on Earth is :

Ans: Oxygen

Q:144 How many Elements are there ?

Ans: 118

Q:145 Metals are usually :

Ans: Solids

Q:146 A process in which liquid is purified is called ?

Ans: Distillation

Q:147 Which energy produce from motion ?

Ans: Kinetic energy

Q:148 How much speed of Sound in air ?

Ans: 332 m/s

Q:149 A process of burning is called ?

Ans: Combustion

Q:150 Which gas is used in Fire extinguishers ?

Ans: Carbon Dioxide

Q:151 How many components of Solution are there ?

Ans: 2 Components

Q:152 Solution is always :

Ans: Transparent

Q:153 Muddy water is an example of a :

Ans: Suspension

Q:154 A solution is a :

Ans: Homogenous Mixture

Q:155 Which is the main source of Energy ?

Ans: Sun

Q:156 In Pakistan, electricity is produced in _____ :

Ans: 3 Types

Q:157 How many types of Potential Energy ?

Ans: 4 Types

Q:158 Which mirrors are uses in Vehicles ?

Ans: Concave Mirror

Q:159 The laws of Reflection were first described by :

Ans: Ibn-ul-Haytham

Q:160 How many types of Reflection ?

Ans: 2 Types

Q:161 The Sun is a :

Ans: Luminous

Q:162 Sound cannot pass through :

Ans: Vacuum

Q:163 What is the SI unit of Sound ?

Ans: Decibel (dB)

Q:164 How many types of Satellites are there ?

Ans: 2 Types

Q:165 When was 1st Aartificial satellite launched ?

Ans: In 1957

Q:166 JAXA is the space agency of :

Ans: Japan

Q:167 The process of Breaking down food is called :

Ans: Digestion

Q:168 How many steps of Digestion are there ?

Ans: Five

Q:169 Liquid of the mouth is called ?

Ans: Saliva

Q:170 Saliva contains the :

Ans: Enzymes

Q:171 How many sense organs in Human being ?

Ans: Five

Q:172 Breathing is a :

Ans: Physical Process

Q:173 Nose consists of how many Nostrils ?

Ans: 2 Nostrils

Q:174 Bile is secreted by :

Ans: Liver

Q:175 Pancreatic Juice is consisted of :

Ans: Enzymes

Q:176 Which system involves the Circulation of blood ?

Ans: Circulatory System

Q:177 Fluid part of the Blood is called :

Ans: Plasma

Q:178 River of life is called :

Ans: Blood

Q:179 Which organ pumps the Blood ?

Ans: Heart

Q:180 Hypertension is known as ?

Ans: High Blood Pressure

Q:181 Heart has a _____ Muscles :

Ans: Cardiac Muscles

Q:182 The largest artery in Human body is ?

Ans: Aorta

Q:183 Blood pressure is measured by :

Ans: Sphygmomanometer

Q:184 How many kinds of Pollination are there ?

Ans: 2 Kinds

Q:185 Carpel is the basic units of :

Ans: Gynoecium

Q:186 The process of growth of Seed in a plant is known as :

Ans: Germination

Q:187 Which is the basic functional unit of Environment ?

Ans: Ecosystem

Q:188 Distillation is consists of ____ process :

Ans: 2 Processes

Q:189 When solutions use water as a Solvent it is called ?

Ans: Aqueous Mixture

Q:190 Which day is celebrated as World Water day ?

Ans: 22 March

Q:191 What “drives” the water cycle ?

Ans: Sun

Q:192 What is the chemical formula of water ?

Ans: H₂O

Q:193 D₂O (Heavy water) stands for :

Ans: Deuterium-oxide

Q:194 Neutron and Proton are collectively known as :

Ans: Nucleons

Q:195 Nucleus is surrounded by :

Ans: Electrons

Q:196 The negative ion is known as :

Ans: Anion

Q:197 The Positive ion is known as :

Ans: Cation

Q:198 What is the symbol of Potassium ?

Ans: K

Q:199 The valency of Zinc is :

Ans: 2

Q:200 Steam is used to turn :

Ans: Turbines

Q:201 Which is the smallest particle of Water ?

Ans: Molecule

Q:202 How many Isotopes does hydrogen have ?

Ans: Three

Q:203 Burning of fuel is an example of :

Ans: Chemical change

Q:204 Ice melting is an example of :

Ans: Physical change

Q:205 To radiate means :

Ans: To send out

Q:206 Heat is transferred in solids by :

Ans: Conduction

Q:207 The Light travels faster in :

Ans: Vacuum

Q:208 Who discovered the Laws of Refraction ?

Ans: Willebrord Snell

Q:209 The Concave lens is also known as :

Ans: Diverging lens

Q:210 Frequency is measured in :

Ans: Hertz (Hz)

Q:211 What is audible frequency range of Human ear ?

Ans: 20 Hz to 20,000 Hz

Q:212 When Thomas Edison invented bulb ?

Ans: In 1879

Q:213 Stars are made up of :

Ans: Hydrogen & Helium

Q:214 When SUPARCO become the space agency of Pakistan ?

Ans: In 1961

Q:215 Earth takes to complete its orbit which is :

Ans: 365 Days

Q:216 Gravitational force was discovered by :

Ans: Sir Isaac Newton

Q:217 What is released from walls of Stomach ?

Ans: Gastric Juice

Q:218 How many kinds of Blood vessels are there in Human being ?

Ans: 3 Kinds

Q:219 Flowering plants are called :

Ans: Angiosperms

Q:220 The Male reproductive part of a flower is known as :

Ans: Stamen

Q:221 The transfer of Energy by eating is called ?

Ans: Food Chain

Q:222 Nervous system is divided into how many types ?

Ans: 2 Types

Q:223 Central Nervous system is Composed of :

Ans: Spinal Cord & Brain

Q:224 How many parts of Brain are there ?

Ans: 3 Parts

Q:225 How many types of Nerves are there ?

Ans: 2 Nerves

Q:226 Which are the basic functional units of Nervous system ?

Ans: Neurons

Q:227 Which is integral part of Ecosystem ?

Ans: Carbon

Q:228 What is the symbol of Sodium ?

Ans: Na

Q:229 How many layers of Earth ?

Ans: 3 Layers

Q:230 What is the SI unit of Mass ?

Ans: Kilogram

Q:231 Sodium Chloride (NaCl) is also known as :

Ans: Table Salt

Q:232 Which is the simplest Element ?

Ans: Hydrogen

Q:233 When was Oxygen discovered ?

Ans: In 1772

Q:234 What is the symbol of Copper ?

Ans: Cu

Q:235 Washing soda is a compound of :

Ans: Carbon & Oxygen

Q:236 Bases leave blue litmus :

Ans: Unchanged

Q:237 Corrosive effect on the skin is caused by :

Ans: Acids

Q:238 The pH of water is :

Ans: 7

Q:239 The highness and lowness of Sound is called :

Ans: Pitch

Q:240 Sound travels faster through :

Ans: Solid

Q:241 The loudness of Sound is also known as :

Ans: Volume

Q:242 An object which orbits a planet is called :

Ans: Satellite

Q:243 A rainbow colored disc was given by :

Ans: Isaac Newton

Q:244 Neutron was discovered by :

Ans: James Chadwick

Q:245 When was Neutron Discovered ?

Ans: In 1932

Q:246 Who Invented Television ?

Ans: John L. Baird

Q:247 Human beings are :

Ans: Omnivores

Q:248 Those living which eats only Plants :

Ans: Herbivores

Q:249 An organisms which consists of only one cell is called :

Ans: Unicellular

Q:250 Which part of microscope contains the lens ?

Ans: Eyepiece