1. Which is the outermost planet in the solar system?
   1. Mercury
   2. Pluto
   3. Neptune
   4. Uranus
2. The [SI unit](http://www.sheir.org/physical_quantities_units.html) of charge is \_\_\_\_\_\_\_\_\_\_.
   1. Ampere
   2. Coulomb
   3. Ohm
   4. Volt
3. Very High Frequency (VHF) have \_\_\_\_\_\_\_\_\_\_ wavelengths.
   1. shorter
   2. shortest
   3. longer
   4. longest
4. Long-sight defect could be corrected by using \_\_\_\_\_\_\_\_\_\_ lens.
   1. concave
   2. vonvex
   3. diverging
   4. none of these
5. Deficiency of Vitamin-A results in \_\_\_\_\_\_\_\_\_\_.
   1. night blindness
   2. rickets
   3. scurvy
   4. hair fall
6. For a fixed mass of gass at constant temperature, if we decrease volume, the pressure will \_\_\_\_\_\_\_\_\_.
   1. also decrease
   2. increase
   3. remains constant
   4. none of these
7. The lifespan of Red Blood Cells is \_\_\_\_\_\_\_\_\_\_ days.
   1. 60
   2. 120
   3. 180
   4. 240
8. The density of water is \_\_\_\_\_\_\_\_\_\_.
   1. 1 g/cm3
   2. 1.5 g/cm3
   3. 2 g/cm3
   4. none of these
9. Radioactivity was discovered by \_\_\_\_\_\_\_\_\_\_.
   1. Kelvin
   2. Thomson
   3. Rutherford
   4. Bacquerel
10. A device which converts chemical energy into electrical energy is called \_\_\_\_\_\_\_\_\_\_.
    1. motor
    2. generator
    3. moving-coil meter
    4. battery

**ANSWERS: EVERYDAY SCIENCE MCQs**

1. C
2. B
3. A
4. B
5. A
6. B
7. B
8. A
9. D
10. D

**[>> Everyday Science MCQs (11-20)](http://www.sheir.org/science-mcqs.html)**

1. The Sun is a \_\_\_\_\_\_\_\_\_\_.
   1. Star
   2. Planet
   3. Asteroid
   4. Meteor
2. The average adult has a blood volume of about \_\_\_\_\_\_\_\_\_\_ liters.
   1. 4
   2. 5
   3. 6
   4. 7
3. The most abundant element in the universe is \_\_\_\_\_\_\_\_\_\_.
   1. Oxygen
   2. Hydrogen
   3. Carbon Dioxide
   4. Silicon
4. The most abundant element in the Earth's crust is \_\_\_\_\_\_\_\_\_\_.
   1. Oxygen
   2. Hydrogen
   3. Carbon Dioxide
   4. Silicon
5. Each day human body breathe in \_\_\_\_\_\_\_\_\_\_ liters of air.
   1. 5,000 to 10,000
   2. 10,000 to 15,000
   3. 15,000 to 20,000
   4. 20,000 to 25,000
6. Deficiency of Vitamin-D results in \_\_\_\_\_\_\_\_\_\_.
   1. night blindness
   2. rickets
   3. scurvy
   4. hair fall
7. The [SI unit](http://www.sheir.org/physical_quantities_units.html) of "pressure" is \_\_\_\_\_\_\_\_\_.
   1. pascal
   2. joule
   3. tesla
   4. henry
8. The most densest substance on the Earth is \_\_\_\_\_\_\_\_\_\_.
   1. Platinum
   2. Copper
   3. Steel
   4. Osmium
9. A camera uses a \_\_\_\_\_\_\_\_\_\_ to form an image.
   1. convex lens
   2. concave lens
   3. condenser lens
   4. none of these
10. Which from the following is NOT a conductor?
    1. Aluminium
    2. Silicon
    3. Graphite
    4. All are conductors

**ANSWERS: SCIENCE MCQs**

1. A
2. B
3. B
4. A
5. C
6. B
7. A
8. D
9. A
10. D

**[<< Science MCQs (01-10)](http://www.sheir.org/everyday_science_mcqs.html)  
[>> Science MCQs (21-30)](http://www.sheir.org/everyday-science-quiz.html)**

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1. [CNG](http://www.sheir.org/scientific_abbreviations.html) stands for?
   1. Converted Natural Gas
   2. Conduced Natural Gas
   3. Conducted Natural Gas
   4. Compressed Natural Gas
2. Which from the following is true for "Sound"?
   1. Sound cannot travel through a vaccum
   2. Sound cannot travel through gases
   3. Sound cannot travel through liquids
   4. Sound cannot travel through solids
3. When white light is passed through a prism, it splits into \_\_\_\_\_\_\_\_\_\_ colours.
   1. 5
   2. 6
   3. 7
   4. 8
4. 1 nanometer = ?
   1. 10-3 meter
   2. 10-6 meter
   3. 10-9 meter
   4. 10-12 meter
5. [Instrument](http://www.sheir.org/scientific_instruments_and_their_uses.html) used for measuring very high temperature is \_\_\_\_\_\_\_\_\_\_.
   1. Pyroscope
   2. Pyrometer
   3. Seismograph
   4. Xylometer
6. Sound waves are \_\_\_\_\_\_\_\_\_ waves.
   1. Transverse
   2. Electromagnetic
   3. Longitudinal
   4. none of these
7. The lifespan of White Blood Cells is \_\_\_\_\_\_\_\_\_\_ day(s).
   1. 1
   2. 2
   3. 3
   4. 4
8. The fluid part of blood is known as \_\_\_\_\_\_\_\_\_\_.
   1. plasma
   2. platelets
   3. blood cells
9. X-rays were [discovered](http://www.sheir.org/scientific_inventions_and_discoveries.html) by \_\_\_\_\_\_\_\_\_\_.
   1. Rontgen
   2. Thomson
   3. Rutherford
   4. Bacquerel
10. The speed of light is \_\_\_\_\_\_\_\_\_\_.
    1. 280,000 km/s
    2. 300,000 km/s
    3. 320,000 km/s
    4. none of these

**ANSWERS: EVERYDAY SCIENCE QUIZ**

1. D
2. A
3. B
4. C
5. B
6. C
7. A
8. A
9. A
10. B

**[<< Everyday Science Quiz (11-20)](http://www.sheir.org/science-mcqs.html)  
[>> Everyday Science Quiz (31-40)](http://www.sheir.org/everyday-science-quizzes.html)**

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1. During winter in cold countries, the \_\_\_\_\_\_\_\_\_\_ is mixed to melt the ice on the icy roads.
   1. Salt
   2. Chlorine
   3. Carbon dioxide
   4. Water
2. In a very low temperature which from the following will freeze at last?
   1. River water
   2. Canal water
   3. Sea water
   4. Water in a lake
3. The nearest planet to the Earth is \_\_\_\_\_\_\_\_\_.
   1. Venus
   2. Mercury
   3. Mars
   4. Moon
4. The planet that moves round the Sun at the highest speed is?
   1. Jupiter
   2. Venus
   3. Mars
   4. Mercury
5. In general, Comets have \_\_\_\_\_\_\_\_\_\_ orbits.
   1. Elliptical
   2. Highly elliptical
   3. Circular
   4. Parabolic
6. GPS is an abbreviation for?
   1. Global Poles System
   2. Global PolySiliconium Store
   3. Global Positioning System
   4. Global Position Structure
7. Oxidation is a chemical reaction involving the \_\_\_\_\_\_\_\_\_\_.
   1. Gain of Electrons
   2. Loss of Electrons
   3. Gain of Protons
   4. Loss of Protons
8. At night, Plants intake \_\_\_\_\_\_\_\_\_\_ and release \_\_\_\_\_\_\_\_\_\_.
   1. Oxygen – Carbon dioxide
   2. Carbon dioxide – Oxygen
   3. Oxygen – Carbon monoxide
   4. Carbon monoxide – Oxygen
9. Urine is produced in \_\_\_\_\_\_\_\_\_\_.
   1. Kidneys
   2. Lungs
   3. Large intestine
   4. Liver
10. Blood is cleaned by \_\_\_\_\_\_\_\_\_\_.
    1. Lungs
    2. Liver
    3. Heart
    4. Kidneys

**ANSWERS: EVERYDAY SCIENCE QUIZZES**

1. A
2. C
3. A
4. D
5. B
6. C
7. B
8. A
9. A
10. D

**[<< Everyday Science Quizzes (21-30)](http://www.sheir.org/everyday-science-quiz.html)  
[>> Everyday Science Quizzes (41-50)](http://www.sheir.org/science-quiz.html)**

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1. The position of an element in the Periodic Table is determined by its \_\_\_\_\_\_\_\_\_\_ number.
   1. Electron
   2. Proton
   3. Neutron
   4. Positron
2. The salinity of sea water is determined by the amount of common salt (Sodium Chloride) in \_\_\_\_\_\_\_\_\_\_ of sea water.
   1. 1 gram
   2. 10 grams
   3. 1 kg
   4. 10 kg
3. The planet which is easily visible from the Earth is?
   1. Mercury
   2. Venus
   3. Mars
   4. Jupiter
4. The Great Spot is on the planet \_\_\_\_\_\_\_\_\_\_.
   1. Saturn
   2. Venus
   3. Mars
   4. Jupiter
5. The Great Spot is a \_\_\_\_\_\_\_\_\_\_.
   1. Mountain
   2. Desert
   3. Frozen Carbon dioxide
   4. Storm
6. The bodyguard of the Earth is \_\_\_\_\_\_\_\_\_\_ that save the Earth from many Comets and Asteroids.
   1. Mars
   2. Saturn
   3. Uranus
   4. Jupiter
7. 1 light year = ?
   1. 9.5x106 km
   2. 9.5x109 km
   3. 9.5x1012 km
   4. 9.5x1018 km
8. The planets visible to us without using a telescope are \_\_\_\_\_\_\_\_\_\_.
   1. 3
   2. 4
   3. 5
   4. 6
9. According to Big Bang Theory, the Universe began about \_\_\_\_\_\_\_\_\_\_ billion years ago.
   1. 10 – 20
   2. 20 – 30
   3. 30 – 40
   4. 40 – 50
10. Biosensor is used to measure?
    1. Blood glucose level
    2. The body pH value
    3. Amount of hemoglobin
    4. Salinity in Urine

**ANSWERS: SCIENCE QUIZ**

1. B
2. C
3. B
4. D
5. D
6. D
7. C
8. C
9. A
10. A

**[<< Science Quiz (31-40)](http://www.sheir.org/everyday-science-quizzes.html)  
[>> Science Quiz (51-60)](http://www.sheir.org/science-quizzes.html)**

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1. Einstein’s famous equation which states that mass and energy are interchangeable is?
   1. E = mc2
   2. E = cm2
   3. M = ec2
   4. M = ce2
2. The [SI unit](http://www.sheir.org/physical_quantities_units.html) of electric current is?
   1. Coloumb
   2. Ampere
   3. Volt
   4. Watt
3. The principal constituent of the atmosphere of the Earth is?
   1. Oxygen
   2. Carbon
   3. Hydrogen
   4. Nitrogen
4. What is Dry Ice?
   1. Solid Oxygen
   2. Solid Carbon Dioxide
   3. Solid Hydrogen
   4. Solid Nitrogen
5. What are the primary colours?
   1. White, Black, Blue
   2. Red, Yellow, Blue
   3. Red, Orange, Blue
   4. Red, Green, Blue
6. Digestion of food is completed in the \_\_\_\_\_\_\_\_\_\_.
   1. small intestine
   2. large intestine
   3. stomach
   4. Liver
7. Carrot is good source of Vitamin?
   1. A
   2. B complex
   3. C
   4. D
8. For proper formation of teeth, \_\_\_\_\_\_\_\_\_\_ is essential.
   1. iodine
   2. copper
   3. fluorine
   4. iron
9. Deficiency of \_\_\_\_\_\_\_\_\_\_ causes loss of appetite and poor growth.
   1. zinc
   2. iodine
   3. copper
   4. iron
10. Meteorology is the study of?
    1. seasons
    2. atmosphere
    3. air and sounds
    4. winds and clouds

**ANSWERS: SCIENCE QUIZZES**

1. A
2. B
3. D
4. B
5. D
6. A
7. A
8. C
9. A
10. B

**[<< Science Quizzes (41-50)](http://www.sheir.org/science-quiz.html)  
[>> Science Quizzes (61-70)](http://www.sheir.org/general-science-mcqs.html)**

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1. The Carbon Dioxide in the atmosphere, by volume, is
   1. 0.03%
   2. 3%
   3. 13%
   4. 30%
2. Diamond is an allotropic form of
   1. Carbon
   2. Hydrogen
   3. Nitrogen
   4. Silicon
3. The [SI unit](http://www.sheir.org/physical_quantities_units.html) of Heat is
   1. Watt
   2. Volt
   3. Joule
   4. Newton
4. The good sources of Vitamin-A are
   1. green leafy vegetables
   2. seeds
   3. fresh vegetables and fruits
   4. sea foods
5. The good sources of Vitamin-B Complex are
   1. green leafy vegetables
   2. seeds
   3. fresh vegetables and fruits
   4. sea foods
6. The good sources of Vitamin-C are
   1. green leafy vegetables
   2. seeds
   3. fresh vegetables and fruits
   4. sea foods
7. The good sources of iodine are
   1. green leafy vegetables
   2. seeds
   3. fresh vegetables and fruits
   4. sea foods
8. The gas, commonly known as “laughing gas”, is
   1. Cabon Dioxide
   2. Sulfur Dioxide
   3. Nitrous Oxide
   4. Sodium Oxide
9. The source of oxygen in photosynthesis is
   1. water
   2. salts
   3. minerals
   4. glucose
10. The [instrument](http://www.sheir.org/scientific_instruments_and_their_uses.html) used to measure wind speed is
    1. Anemometer
    2. Barometer
    3. Hydrometer
    4. Hygrometer

**ANSWERS: GENERAL SCIENCE MCQs**

1. A
2. A
3. C
4. A
5. B
6. C
7. D
8. C
9. A
10. A

**[<< General Science MCQs (51-60)](http://www.sheir.org/science-quizzes.html)  
[>> General Science MCQs (71-80)](http://www.sheir.org/general-science-quiz.html)**

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1. The natural fats and oils are composed of
   1. Carbon, Hydrogen and Oxygen
   2. Carbon, Hydrogen and Nitrogen
   3. Carbon, Oxygen and Nitrogen
   4. Hydrogen, Oxygen and Nitrogen
2. The energy value of food is measured in
   1. Joule
   2. Calories
   3. Tesla
   4. Proteins
3. Wind energy is the \_\_\_\_\_\_\_\_\_\_ energy.
   1. Potential
   2. Transverse
   3. Kinetic
   4. Mechanical
4. Who is considered the founder of meteorology?
   1. Aristotle
   2. Plato
   3. Einstein
   4. Newton
5. Water covers \_\_\_\_\_\_\_\_\_\_ of the Earth's surface.
   1. 60%
   2. 65%
   3. 70%
   4. 75%
6. In general, wind speed of 105–137 caused
   1. minor or no damage
   2. considerable damage
   3. severe damage
   4. extreme damage
7. Acid rain is mainly caused by emissions of \_\_\_\_\_\_\_\_\_\_ in the atmosphere.
   1. Sulfur Dioxide and Potassium Nitrate
   2. Sulfur and Charcoal
   3. Nitrogen Oxide and Potassium Nitrate
   4. Sulfur Dioxide and Nitrogen Oxide
8. About 50% of the Earth’s crust, including the waters on the Earth and atmosphere, is
   1. Oxygen
   2. Cabon Dioxide
   3. Silicon
   4. Clay
9. The fourth state of matter is
   1. Water
   2. Salts
   3. Vapours
   4. Plasma
10. The device used to convert Alternate Current into Direct Current is called
    1. Anemometer
    2. Battery
    3. Galvanometer
    4. Rectifier

**ANSWERS: GENERAL SCIENCE QUIZ**

1. A
2. B
3. C
4. A
5. C
6. A
7. D
8. A
9. D
10. D

**[<< General Science Quiz (61-70)](http://www.sheir.org/general-science-mcqs.html)  
[>> General Science Quiz (81-90)](http://www.sheir.org/general-science-quiz.html)**

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1. In night, when photosynthesis is stopped, plants
   1. take in Carbon Dioxide
   2. take in Oxygen
   3. give off Carbon Dioxide
   4. give off Oxygen
2. During photosynthesis, plants
   1. take in Carbon Dioxide
   2. take in Oxygen
   3. give off Carbon Dioxide
   4. give off Oxygen
3. \_\_\_\_\_\_\_\_\_\_ are called the powerhouses of the cell.
   1. Mitochondria
   2. Vesicles
   3. Lungs
   4. Liver
4. Mitochondria contain their own supply of
   1. DNA
   2. Amino acids
   3. Vitamins
   4. Oxygen
5. The first chemical explosive, Gunpowder, is a mixture of
   1. Sulfur, Charcoal and Nitrogen Oxide
   2. Sulfur, Charcoal, and Potassium Nitrate
   3. Sulfur and Charcoal
   4. Charcoal and Potassium Nitrate
6. The number of oscillations per second is called the
   1. hertz
   2. waves
   3. pitch
   4. frequency
7. Sound waves from a loudspeaker are caused by
   1. frequency
   2. vibrations
   3. pitch
   4. amplitude
8. The guitar has \_\_\_\_\_\_\_\_\_\_ strings.
   1. 4
   2. 5
   3. 6
   4. 7
9. The [device](http://www.sheir.org/scientific_instruments_and_their_uses.html) used to measure movements of the heart is
   1. Cardiograph
   2. Seismograph
   3. Hydrometer
   4. Hygrometer
10. The [unit](http://www.sheir.org/physical_quantities_units.html) used to measure ‘Pressure’ is
    1. pascal
    2. newton
    3. watt
    4. tesla

**ANSWERS: GENERAL SCIENCE QUIZZES**

1. C
2. D
3. A
4. A
5. B
6. D
7. B
8. C
9. A
10. A

**[<< General Science Quizzes (71-80)](http://www.sheir.org/general-science-quiz.html)  
[>> General Science Quizzes (91-100)](http://www.sheir.org/daily-science-mcqs.html)**

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1. There are \_\_\_\_\_\_\_\_\_\_ methods of heat transfer.
   1. 3
   2. 4
   3. 5
   4. 6
2. Which from the following is NOT a method of heat transfer?
   1. Conduction
   2. Convection
   3. Radiation
   4. All are methods of heat transfer
3. If we heat one end of metallic rod, the other end gets hot. The method of heat transfer is
   1. Conduction
   2. Convection
   3. Radiation
   4. None of these
4. A person seated in front of a fire receives heat by
   1. Conduction
   2. Convection
   3. Radiation
   4. None of these
5. The [unit](http://www.sheir.org/physical_quantities_units.html) used to measure ‘magnetic flux’ is
   1. pascal
   2. farad
   3. weber
   4. henry
6. Battery was [invented](http://www.sheir.org/scientific_inventions_and_discoveries.html) by
   1. Volta
   2. Hero
   3. Fermi
   4. Maiman
7. The most abundant element in the earth's crust is oxygen. The second most abundant element in the earth's crust is
   1. Hydrogen
   2. Nitrogen
   3. Brass
   4. Silicon
8. The nearest planet to the Sun is
   1. Mercury
   2. Venus
   3. Mars
   4. Jupiter
9. Bronze is an alloy of
   1. Iron, Carbon
   2. Copper, Tin
   3. Nickel, Zinc
   4. Mercury, Lead
10. Molecules with identical molecular formulae but with different structural formulae are called
    1. Isotopes
    2. Isomers
    3. Electrode
    4. Compound

**ANSWERS: DAILY SCIENCE MCQs**

1. A
2. D
3. A
4. C
5. C
6. A
7. D
8. B
9. B
10. B

**[<< Everyday Science MCQs (01-10)](http://www.sheir.org/everyday_science_mcqs.html)**

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1. One way of transfer of heat energy is 'convection' which occurs in
   1. Liquids only
   2. Gasses only
   3. Liquids and gasses
   4. Liquids, gasses and solids
2. Which from the following is incompressible
   1. Solids
   2. Liquids
   3. Gasses
   4. All are compressible
3. The key factor in determining the weather is the quantity of \_\_\_\_\_\_\_\_ in the atmosphere.
   1. Water vapour
   2. Oxygen
   3. Carbondioxide
   4. Hydrogen
4. The entropy of the universe is
   1. Increasing
   2. Decreasing
   3. Constant
   4. None of these
5. Which from the following methods of heat transfer can take place in a vaccum?
   1. Canduction
   2. Convection
   3. Radiation
   4. All
6. Neutrons were discovered by
   1. Einstein
   2. James Chadwick
   3. F.W. Aston
   4. Rutherford
7. Mass Spectrograph was invented by
   1. Einstein
   2. James Chadwick
   3. F.W. Aston
   4. Rutherford
8. Nucleus was discovered by
   1. Einstein
   2. James Chadwick
   3. F.W. Aston
   4. Rutherford
9. Which is the process of science?
   1. Observation > Experiments > Hypothesis
   2. Hypothesis > Observations > Experiments
   3. Observation > Hypothesis > Experiments
   4. Experiments > Observations > Hypothesis
10. Salty water can be made pure by the method of
    1. filtration
    2. evaporation
    3. chromatography
    4. distillation

**ANSWERS: DAILY SCIENCE QUIZ**

1. C
2. B
3. A
4. A
5. C
6. B
7. C
8. D
9. C
10. D

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1. The unit of efficiency is
   1. Volt
   2. Watt
   3. Joules
   4. None of these
2. Which from the following is NOT a stored energy?
   1. Thermal
   2. Gravitational
   3. Elastic potential energy
   4. Chemical
3. Energy can be converted from one form to another, but all energy ends up as
   1. Kinetic energy
   2. Potential energy
   3. Heat energy
   4. Chemical energy
4. A battery converts \_\_\_\_\_\_\_\_ into electrical energy.
   1. Potential energy
   2. Chemical energy
   3. Nuclear energy
   4. Mechanical energy
5. Which from the following is NOT a renewable energy resource?
   1. Geothermal
   2. Biomass
   3. Solar
   4. Nuclear
6. Which from the following is NOT a non-renewable energy resource?
   1. Coal
   2. Natural gas
   3. Nuclear
   4. Geothermal
7. Current is the flow of
   1. Electrons
   2. Protons
   3. Neutrons
   4. Voltage
8. The unit of current is
   1. Volt
   2. Ampere
   3. Ohm
   4. Watt
9. To prevent electric shocks, a/an \_\_\_\_\_\_\_\_ is placed in the circuit.
   1. Amneter
   2. Voltmeter
   3. Fuse
   4. Diode
10. Electrons were discovered by
    1. James Chadwick
    2. J.J. Thomson
    3. F.W. Aston
    4. Rutherford

**ANSWERS: DAILY SCIENCE QUIZZES**

1. D
2. A
3. C
4. B
5. D
6. D
7. A
8. B
9. C
10. B

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1. When molten rock cools and solidifies, the \_\_\_\_\_\_\_\_ are formed.
   1. igneous rocks
   2. satimantary rocks
   3. metamorphet rocks
   4. none of these
2. Molten rock below the surface of the Earth is called?
   1. Lava
   2. Magma
   3. Crystals
   4. Granite
3. Molten rock above the surface of the Earth is called?
   1. Lava
   2. Magma
   3. Crystals
   4. Granite
4. The metal which is liquid at room temperature is?
   1. Zinc
   2. Nickol
   3. Lead
   4. Mercury
5. Between the melting point and boiling point of a substance, the substance is a?
   1. Solid
   2. Liquid
   3. Gas
   4. Crystal
6. The boiling point of alcohol is
   1. 78 oc
   2. 86 oc
   3. 94 oc
   4. 100 oc
7. The visible cloud of dust and gas in space is called?
   1. White Dwarf
   2. Supernova
   3. Nebula
   4. Galaxy
8. The average salinity of the Earth's oceans in 1 kilogram of sea water is about \_\_\_\_\_\_\_\_ grams of salt.
   1. 90
   2. 25
   3. 30
   4. 35
9. The most abundant substance that constitutes the mass of the Earth is?
   1. Iron
   2. Oxygen
   3. Nitrogen
   4. Silicon
10. The Earth's atmosphere is divided into \_\_\_\_\_\_\_\_ main layers.
    1. 4
    2. 5
    3. 6
    4. 7

**ANSWERS: SCIENCE QUESTIONS**

1. A
2. B
3. A
4. D
5. B
6. A
7. C
8. D
9. A
10. B

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1. Rocks which are formed by high temperature and pressure on existing rocks over a period of time are called \_\_\_\_\_\_\_\_ rocks.
   1. igneous
   2. metamorphic
   3. sedimentary
   4. crystal
2. Marble and slate are examples of
   1. igneous rocks
   2. metamorphic rocks
   3. sedimentary rocks
   4. crystals
3. Sandstone and limestone are examples of
   1. igneous rocks
   2. metamorphic rocks
   3. sedimentary rocks
   4. crystals
4. Absolute zero, which is the lower limit of the thermodynamic temperature scale, is equivalent to \_\_\_\_\_\_\_\_ on the celsius scale.
   1. -273 oc
   2. 0 oc
   3. 100 oc
   4. 973 oc
5. The diameter of the Earth's equator is larger than the pole-to-pole diameter by
   1. 40 km
   2. 43 km
   3. 46 km
   4. 49 km
6. The Tectonic Plates of the Earth lies in
   1. Inner Core
   2. Outer Core
   3. Lithosphere
   4. Asthenosphere
7. There are \_\_\_\_\_\_\_\_ major tectonic plates.
   1. 4
   2. 5
   3. 6
   4. 7
8. The fresh water on the Earth is \_\_\_\_\_\_\_\_ of the total water.
   1. 2.5%
   2. 5%
   3. 7.5%
   4. 10%
9. The Ozone Layer lies in the
   1. troposphere
   2. stratosphere
   3. mesosphere
   4. thermosphere
10. The Earth's atmosphere is divided into \_\_\_\_\_\_\_\_ layers.
    1. 4
    2. 5
    3. 6
    4. 7

**ANSWERS: EVERYDAY SCIENCE QUESTIONS**

1. B
2. B
3. C
4. A
5. B
6. C
7. D
8. A
9. B
10. B

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1. Which type of rock may contain fossils?
   1. Igneous
   2. Metamorphic
   3. Sedimentary
   4. Crystals
2. The mass is highly concentrated form of
   1. Weight
   2. Energy
   3. Force
   4. Momentum
3. The whole Earth can be covered by \_\_\_\_\_\_\_\_ geo-stationary satellites.
   1. 3
   2. 4
   3. 5
   4. 6
4. The ozone layer is at height of \_\_\_\_\_\_\_\_ kilometers from the surface of the Earth.
   1. 10 to 20
   2. 20 to 30
   3. 30 to 40
   4. 40 to 50
5. The ozone layer was discovered by
   1. F.W. Aston and J.J Thomson
   2. Albert Einstein
   3. Rutherford
   4. Charles Fabry and Henri Buisson
6. The interior structure of the Earth is divided into \_\_\_\_\_\_\_\_ layers.
   1. 4
   2. 5
   3. 6
   4. 7
7. We live on the Earth's
   1. Inner core
   2. Outer core
   3. Crust
   4. Mantle
8. The thickest layer of the Earth is
   1. Crust
   2. Inner core
   3. Outer core
   4. Mantle
9. The outermost layer of the Earth is
   1. Crust
   2. Inner mantle
   3. Outer mantle
   4. Core
10. The Earth's crust ranges from \_\_\_\_\_\_\_\_ km in depth.
    1. 0-5
    2. 5-10
    3. 5-70
    4. 10-70

**ANSWERS: DAILY SCIENCE QUESTIONS**

1. C
2. B
3. A
4. B
5. D
6. B
7. C
8. D
9. A
10. C

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1. The Earth's internal heat mainly comes from
   1. Liquid hydrogen
   2. Chemical reactions
   3. Radioactive decay
   4. Molecular kinetic energy
2. There are different reasons on the Earth because of
   1. Rotation of the Earth
   2. Revolution of the Earth
   3. The Earth's axis is tilted
   4. The Earth's distance from the Sun
3. On average, Air contains \_\_\_\_\_\_\_\_ % of water vapour.
   1. 1
   2. 3
   3. 5
   4. 7
4. Earth's troposphere extends from the Earth's surface to an average height of about \_\_\_\_\_\_\_\_ km.
   1. 10
   2. 12
   3. 15
   4. 17
5. The science of lightning is called
   1. Aerology
   2. Meteorology
   3. Electeorology
   4. Fulminology
6. Ships use \_\_\_\_\_\_\_\_ to find the depth of the ocean beneath them.
   1. Pictches
   2. Echoes
   3. Frequencies
   4. None of these
7. Molecules with identical molecular formulae but with different structural formulae are called
   1. Isomers
   2. Isotopes
   3. Atomic number
   4. Mass number
8. The anode is the electrode connected to the \_\_\_\_\_\_\_\_ terminal of a battery.
   1. Positive
   2. Negative
   3. Neutral
   4. Free
9. The unit used to measure humidity is
   1. Barometer
   2. Hydrometer
   3. Hygrometer
   4. Galvanometer
10. Laser was invented by
    1. Volta
    2. Sturgeon
    3. Hero
    4. Maiman

**ANSWERS: QUESTIONS OF EVERYDAY SCIENCE**

1. C
2. C
3. A
4. B
5. D
6. B
7. A
8. A
9. C
10. D

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1. The vernier calipers is used to measure
   1. Length
   2. Time
   3. Temperature
   4. Viscority
2. Atomic clock is used to measure \_\_\_\_\_\_\_\_ intervals of time.
   1. Very short
   2. Short
   3. Very long
   4. Long
3. 1 tonne = \_\_\_\_\_\_\_\_ kg
   1. 100
   2. 400
   3. 1000
   4. 4000
4. An instrument used to measure atmospheric pressure is
   1. Ammeter
   2. Manometer
   3. Galvanometer
   4. Barometer
5. An instrument used to measure gas pressure is
   1. Ammeter
   2. Manometer
   3. Galvanometer
   4. Barometer
6. Which electromagnetic wave has the longest wavelength?
   1. Gamma rays
   2. X-rays
   3. Microwaves
   4. Radio waves
7. Which electromagnetic wave has the shortest wavelength?
   1. Gamma rays
   2. X-rays
   3. Microwaves
   4. Radio waves
8. All electromagnetic waves have the same
   1. Frequency
   2. Amplitude
   3. Wavelength in vaccum
   4. Speed in vaccum
9. The reflection of sound is called
   1. Frequency
   2. Vibration
   3. Echo
   4. Wave
10. An instrument used to measure electric current is called
    1. Ammeter
    2. Barometer
    3. Galvanometer
    4. Manometer

**ANSWERS: GENERAL SCIENCE QUESTIONS**

1. A
2. A
3. C
4. D
5. B
6. D
7. A
8. D
9. C
10. A

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1. The SI unit of thermodynamic temperature is
   1. Celsius
   2. Fahrenheight
   3. Kelvin
   4. None of these
2. The shortest distance between crest to crest is called
   1. Phare
   2. thoughs
   3. Amplitude
   4. Wavelength
3. The speed of sound is fastest in
   1. Solids
   2. Liquids
   3. Gasses
   4. Vaccum
4. The speed of sound is slowest in
   1. Solids
   2. Liquids
   3. Gasses
   4. Vaccum
5. Radioactivity was discovered by
   1. Henri Becquerel
   2. Pierre Curie
   3. Marie Curie
   4. Rutherford
6. Which from the following has the greatest ionising power?
   1. Alpha particles
   2. Beta particles
   3. Gamma rays
   4. All three has same ionising power
7. Which from the following has the greatest penetrating power?
   1. Alpha particles
   2. Beta particles
   3. Gamma rays
   4. All three have same penetrating power
8. Which from the following has the greatest speed?
   1. Alpha
   2. Beta
   3. Gamma
   4. None
9. At night
   1. The land cools faster than the water in the sea
   2. The water in the sea cools faster than the land
   3. The land and the water in the sea cools together
   4. None of these
10. The chemical name of chalk is
    1. Sodium nitrate
    2. Zinc sulfate
    3. Sulphuric acid
    4. Calcium carbonate

**ANSWERS: QUESTIONS OF SCIENCE**

1. C
2. D
3. A
4. C
5. A
6. A
7. C
8. C
9. A
10. D

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1. The branch of science which study the interaction between matter and radian energy is called
   1. Thermochemistry
   2. Polymer chemistry
   3. Spectroscopy
   4. Electrochemistry
2. The horizontal rows of the periodic table are called
   1. Groups
   2. Periods
   3. Sets
   4. Matrices
3. The vertical coloumns of the periodic table are called
   1. Groups
   2. Periods
   3. Sets
   4. Matrices
4. Which metallic element is liquid at room temperature?
   1. Zinc
   2. Nickel
   3. Lead
   4. Mercury
5. Which non-metallic element is liquid at room temperature?
   1. Bromine
   2. Flourine
   3. Chlorine
   4. Phosphorous
6. Battery charger converts electrical energy into \_\_\_\_\_\_\_\_ energy.
   1. Kinetic
   2. Potential
   3. Chemical
   4. Nuclear
7. A loudspeaker changes \_\_\_\_\_\_\_\_ energy into sound energy.
   1. Chemical
   2. Electrical
   3. Light
   4. Kinetic
8. The strongest part(s) of a magnet is/are
   1. North pole
   2. South pole
   3. North and south pole
   4. Median of north and south pole
9. Electromagnetic induction was discovered by
   1. Carnot
   2. Volta
   3. Faraday
   4. Bessel
10. Battery was invented by
    1. Carnot
    2. Volta
    3. Faraday
    4. Bessel

**ANSWERS: SCIENCE MCQS**

1. C
2. B
3. A
4. D
5. A
6. C
7. B
8. C
9. C
10. B

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1. The most abundant form of matter in the universe is
   1. Solid
   2. Liquid
   3. Gas
   4. Plasma
2. When gas is ionized, \_\_\_\_\_\_\_\_ forms.
   1. Molecule
   2. Element
   3. Plasma
   4. Current
3. Wind is caused by
   1. Difference in atmospheric pressure
   2. Difference in atmospheric temperature
   3. Rotation of the Earth
   4. Revolution of the Earth
4. Wind speed is measured by
   1. Anemometer
   2. Barometer
   3. Ceilometer
   4. Galvanometer
5. The fact that universe is expanding was discovered by
   1. Hahn
   2. Hubble
   3. Rontgen
   4. Rutherford
6. X-rays were discovered by
   1. Hahn
   2. Hubble
   3. Rontgen
   4. Rutherford
7. The Nobel prize in physics for the discovery of the law of photoelectric effect was awarded to
   1. Newton
   2. Einstein
   3. Rontgen
   4. Rutherford
8. The symbol of gold is
   1. Au
   2. Ag
   3. Fe
   4. Sg
9. Plaster of Paris is produced by heating
   1. Graphite
   2. Gypsum
   3. Zinc
   4. Lead
10. Which from the following is NOT true about Helium gas
    1. Colourless
    2. Odorless
    3. Tasteless
    4. Toxic

**ANSWERS: SCIENCE MCQS**

1. D
2. C
3. A
4. A
5. B
6. C
7. B
8. A
9. B
10. D

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1. Which is the largest excretory organ of the body
   1. lungs
   2. skin
   3. liver
   4. none of these
2. The brain is enclosed in a bony case called
   1. diaphragam
   2. vertebral column
   3. cranium
   4. vertebrae
3. Which is the bone that is present in forelimb
   1. radius
   2. femur
   3. ribs
   4. sternum
4. Which one is herbivore
   1. cat
   2. dog
   3. cow
   4. lion
5. Which structure helps in transport of water in plants
   1. phloem
   2. leaf
   3. bark
   4. xylem
6. The organisms that can make their own food are called
   1. producers
   2. consumers
   3. secondary consumers
   4. decomposers
7. Bacteria are
   1. eukaryotes
   2. prokaryotes
   3. non-living
   4. none of these
8. Bile juice is secreted by
   1. pancreas
   2. stomach
   3. intestine
   4. gall bladder
9. Which part of the blood cells provide immunity
   1. RBC
   2. WBC
   3. platelet
   4. blood plasma
10. Which structure prevent water loss in plants
    1. cuticle
    2. bark
    3. mesophyll
    4. leaf

**ANSWERS: SCIENCE MCQS**

1. B
2. C
3. A
4. C
5. D
6. A
7. B
8. D
9. B
10. A

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1. DNA structure was first described by
   1. Pasteur
   2. Robert Koch
   3. Watson and Crick
   4. Carlous Linnaues
2. Pollination is best defined as
   1. germination of pollen grains
   2. transfer of pollen from anther to stigma
   3. formation of pollen grains
   4. none of these
3. Movement of cell against concentration gradient is called
   1. active transport
   2. osmosis
   3. diffusion
   4. both b and c
4. One of the following is not a function of bones
   1. support
   2. production of blood cells
   3. protein synthesis
   4. muscle attachment
5. Plants absorb most part of water needed by them through their
   1. stem
   2. root hairs
   3. leaf
   4. bark
6. Highly intelligent mammals are
   1. rat
   2. bat
   3. dolphin
   4. elephant
7. Process of cell division take place by
   1. mitosis
   2. fertilization
   3. reproduction
   4. none of these
8. Prokaryotic cell lack
   1. nucleolus
   2. nuclear membrane
   3. both a and b
   4. none of these
9. Pulses are a good source of
   1. proteins
   2. carbohydrates
   3. vitamins
   4. minerals
10. Plants that grow in dry habitat are called
    1. hydrophytes
    2. xerophytes
    3. shrubs
    4. herbs

**ANSWERS: SCIENCE MCQS**

1. C
2. B
3. A
4. C
5. B
6. C
7. A
8. C
9. A
10. B

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1. Oxygen released in the process of photosynthesis comes from
   1. water
   2. oxygen
   3. carbon dioxide
   4. nitrogen dioxide
2. Phloem tissue is found in
   1. liver
   2. placenta
   3. plants
   4. none of these
3. Plant bends towards the source of light on account of the movement known as
   1. geotropism
   2. hydrotropism
   3. chemotropism
   4. phototropism
4. Animal lacks
   1. starch
   2. cellulose
   3. protein
   4. lipids
5. On which of the following plants did Gregor Mendal perform his classical experiment
   1. corn
   2. mustard
   3. pea
   4. sunflower
6. Among the biotic components of the ecosystem, the producer system is
   1. carnivores
   2. herbivores
   3. plants
   4. animals
7. Breeding and management of bees is known
   1. agriculture
   2. sericulture
   3. horticulture
   4. apiculture
8. Study of fossils is called
   1. psychology
   2. paleontology
   3. biodiversity
   4. haematology
9. Which is an example of fungi
   1. paramecium
   2. euglena
   3. penicillium
   4. octopus
10. The scientific name of human is
    1. Homo sapiens
    2. Homo habiscus
    3. Oriza sativa
    4. none of these

**ANSWERS: SCIENCE MCQS**

1. A
2. C
3. D
4. B
5. C
6. C
7. D
8. B
9. C
10. A

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1. Thread like structures in fungi are called
   1. mycelium
   2. hyphae
   3. sporangium
   4. spores
2. The smallest bacteria on earth is
   1. mycoplasma
   2. E.coli
   3. salmonella
   4. clostridium
3. Vaccine for rabies was developed by
   1. Robert Koch
   2. Robert Brown
   3. Pasteur
   4. none of these
4. Malaria is caused by
   1. mosquito
   2. plasmodium
   3. virus
   4. bacteria
5. Hepatitis is inflammation of
   1. stomach
   2. kidney
   3. lungs
   4. liver
6. Penicillin is obtained from
   1. soil
   2. bacteria
   3. fungi
   4. virus
7. Which one is endoparasite
   1. lice
   2. ticks
   3. virus
   4. tape worm
8. Fructose is
   1. pentose sugar
   2. hexose sugar
   3. heptose sugar
   4. none of these
9. Peptide bond is a
   1. C-N link
   2. N-H link
   3. C-O link
   4. N-O link
10. Which is correct about enzymes
    1. protein in nature
    2. speed up reaction
    3. denature at high temperature
    4. all of these

**ANSWERS: SCIENCE MCQS**

1. B
2. A
3. C
4. B
5. D
6. C
7. D
8. A
9. B
10. D

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1. Which is called power house of the cell
   1. golgi complex
   2. mitochondria
   3. nucleus
   4. endoplasmic reticulum
2. The structure that is absent in animal cell
   1. cell wall
   2. nulcleus
   3. centriole
   4. mitochondria
3. The non-protein part of enzyme is called
   1. co-enzyme
   2. activator
   3. cofactor
   4. substrate
4. Nucleic acid were first isolated by
   1. Erwin Chargaff
   2. Friedrich Miescher
   3. Rosalind Franklin
   4. none of these
5. One of the following is not pyrimidine
   1. thymine
   2. cytosine
   3. guanine
   4. uracil
6. Fructose is
   1. milk sugar
   2. cereal sugar
   3. aldo sugar
   4. keto sugar
7. Group of tissues doing a particular job
   1. organ
   2. system
   3. organelle
   4. individual
8. Members of the same species living in the same place at the same time make
   1. population
   2. ecosystem
   3. community
   4. trophic level
9. Which one is a leukocyte
   1. red blood cell
   2. plasma cell
   3. monocyte
   4. all of these
10. Which one of the following contain deoxygenated blood
    1. pulmonary artery
    2. hepatic artery
    3. left atrium
    4. none of these

**ANSWERS: SCIENCE MCQS**

1. B
2. A
3. C
4. B
5. C
6. D
7. A
8. C
9. C
10. A

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1. In most plants the food is transported in form of
   1. fructose
   2. sucrose
   3. starch
   4. glucose
2. How many molecules of carbon dioxide are formed in one Kreb's cycle
   1. 2
   2. 4
   3. 6
   4. 1
3. Which enzyme digest carbohydrates
   1. lipase
   2. proteases
   3. amylases
   4. none of these
4. The pancreas produce digestive enzymes and release in the
   1. stomach
   2. esophagus
   3. large intestine
   4. small intestine
5. Detail study of internal organs at level of tissue with the help of microscope is called
   1. histology
   2. anatomy
   3. physiology
   4. embryology
6. The exchange of chromosal segments i.e.crossing over occurs during
   1. first meiotic division
   2. mitotic division
   3. second meiotic division
   4. none of these
7. Many bacteria in our digestive system synthesize vitamins for example vitamin
   1. B1
   2. B2
   3. B12
   4. B6
8. It is very serious disease of brain which is caused by fungi
   1. ring worm
   2. meningitis
   3. hepatitis
   4. none of these
9. They are widespread as protective coatings on fruits and leaves
   1. cholesterol
   2. waxes
   3. chitin
   4. all of these
10. They are present in the underground parts of the plants and stored food
    1. leucoplast
    2. chromoplast
    3. chloroplast
    4. stem

**ANSWERS: SCIENCE MCQS**

1. B
2. C
3. C
4. D
5. A
6. A
7. C
8. B
9. B
10. A

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1. The simplest amino acid is
   1. alanine
   2. glycine
   3. valine
   4. phenylalanine
2. Accumulation of lipid molecules in brain cells lead to
   1. paralysis
   2. oedema
   3. mental retardation
   4. all of these
3. The life and activities of a cell is controlled by
   1. cytoplasm
   2. nucleus
   3. vacuole
   4. mitochondria
4. Flagella are composed of
   1. micro tubules
   2. micro filaments
   3. intermediate filaments
   4. glycoproteins
5. Tobacco mosaic virus was crystallized by
   1. Pasteur
   2. Chamberland
   3. Stanely
   4. Ivanowski
6. Non-enveloped naked viruses are known as
   1. prions
   2. bacteriophages
   3. oncoviruses
   4. virions
7. Gram +ve bacteria on treatment with crystal violet dye give colour
   1. red
   2. green
   3. purple
   4. pink
8. Malarial parasite is injected into man as
   1. sporozoites
   2. merozoites
   3. zygote
   4. none of these
9. The terms procariotique and eucariotique were proposed by
   1. Whittaker
   2. Chatton
   3. Haeckel
   4. Margulis and Schwartz
10. The most common type of asexual reproduction in the fungi is
    1. fragmentation
    2. spore production
    3. budding
    4. binary fission

**ANSWERS: SCIENCE MCQS**

1. B
2. C
3. B
4. A
5. C
6. D
7. C
8. A
9. B
10. B

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1. Outside the thallus of Marchantia there are special structures called
   1. stem tuber
   2. rhizoids
   3. sporangium
   4. none of these
2. The vascular plants are termed as
   1. tracheophytes
   2. bryophytes
   3. pteridophytes
   4. all of these
3. In human beings influenza is caused by
   1. bacteria
   2. protist
   3. virus
   4. fungi
4. In many which phylum the body of an organisms is usually divided in there regions called head, thorax and abdomen
   1. echinodermata
   2. mollusca
   3. nematoda
   4. arthropoda
5. Snails belong to
   1. gastropods
   2. bivalves
   3. arthropods
   4. platyhelminthes
6. Amoeba moves in water with the help of locomotory organs called
   1. tube feet
   2. cilia
   3. pseudopodia
   4. flagella
7. Liver fluke is parasite in the liver of
   1. cattle
   2. sheep
   3. goat
   4. all of these
8. In all coelentrates endoderm give rise to
   1. nervous system
   2. digestive system
   3. reproductive system
   4. circulatory system
9. Higher vascular plants are also called
   1. flowering plants
   2. seed plants
   3. ferns
   4. none of these
10. The plants which produce embryo but lack vascular tissues and seeds are placed in
    1. bryophytes
    2. pteridophytes
    3. tracheophytes
    4. all of these

**ANSWERS: SCIENCE MCQS**

1. B
2. A
3. C
4. D
5. A
6. C
7. D
8. B
9. B
10. A

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1. Which bone is called beauty bone in women
   1. sternum
   2. clavicle
   3. maxilla
   4. radius
2. Detachment of myosin head and actin in rigor mortis occurs due to
   1. stored ATP in body
   2. hypercalcemia
   3. autolysis in body
   4. hyperactivity of mitochondria
3. Release of the ovum from ovary is called
   1. fertilization
   2. ovulation
   3. implantation
   4. none of these
4. The foetus is protected from the mechanical damage by the
   1. cervix
   2. vagina
   3. uterus
   4. amniotic fluid
5. Rich source of energy in seimen is
   1. glucose
   2. fructose
   3. lactose
   4. sacrose
6. Sickle cell anemia was discovered by
   1. Vernon Ingram
   2. Sanger
   3. Miescher
   4. none of these
7. Earthworm lives in
   1. sea water
   2. moist soil
   3. fresh water
   4. none of these
8. Kangaroo has an abdominal pouch known as
   1. placenta
   2. guttural pouch
   3. marsupial
   4. all of these
9. The utilization of the products of digestion is called
   1. ingestion
   2. absorption
   3. assimilation
   4. both a and b
10. Parabronchi are present in
    1. cockroach
    2. frog
    3. fish
    4. birds

**ANSWERS: SCIENCE MCQS**

1. B
2. C
3. B
4. D
5. A
6. A
7. B
8. C
9. C
10. D

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1. The respiratory problem most common in smokers is
   1. tuberculosis
   2. emphysema
   3. asthma
   4. cancer
2. Water potential of pure water is
   1. zero
   2. one
   3. negative
   4. two
3. Bean shaped cells in plants are
   1. mesophyll cells
   2. xylem cells
   3. phloem cells
   4. guard cells
4. The normal pH of human blood is
   1. 6.4
   2. 7.0
   3. 7.4
   4. 7.5
5. Shrinkage of protoplast due to exosmosis of water is
   1. imbibition
   2. plasmolysis
   3. deplasmolysis
   4. adhesion
6. Artherosclerosis is a major condition leading to
   1. heart attack
   2. hypertension
   3. stroke
   4. tumor
7. Villi and microvilli increase
   1. digestion
   2. assimilation
   3. absorption
   4. ingestion
8. Splitting of glucose relates to
   1. respiration
   2. photorespiration
   3. glycolysis
   4. pyruvic acid
9. Reptiles hibernate during
   1. summer
   2. winter
   3. spring
   4. autumn
10. Which of the following plants are called arthrophytes
    1. sphenopsids
    2. lycopsids
    3. psilopsids
    4. pteropsids

**ANSWERS: SCIENCE MCQS**

1. B
2. A
3. D
4. C
5. B
6. A
7. C
8. C
9. B
10. A

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