

# Physics

Q1) Blades of a windmill possess \_\_\_\_\_, hence they are turned by a fast wind.

Ans -: Potential Energy

Q2) A dark-skinned man experiences \_\_\_\_\_, as compared to a fair skinned man.

Ans -: Less heat & Less cold

Q3) What device is used to break/complete an electronic circuit?

Ans -: Switch

Q4) What is the temperature at which both the Fahrenheit and the centigrade scales have the same value?

Ans -:  $-40^{\circ}$

Q5) Acceleration acts always in the direction of the \_\_\_\_\_.

Ans -: Net force

Q6) The principle used in working of an atom bomb is \_\_\_\_\_.

Ans -: Nuclear Fission

Q7) What is the unit used to measure the depth of sea?

Ans -: Fathom

Q8) Astigmatism can be corrected by \_\_\_\_\_.

Ans -: Cylindrical lenses

Q9) Lambert's Law is related to \_\_\_\_\_.

Ans -: Illumination

Q10) In a Battery, which energy is converted into Electrical energy?

Ans -: Chemical Energy

Q11) The longitudinal mechanical waves of less than 20Hz are called\_\_\_\_\_.

Ans -: Infrasonic

Q12) Distance of stars are measured in \_\_\_\_\_?

Ans -: Light Years

Q13) Albert Einstein was awarded the Noble prize for \_\_\_\_\_.

Ans -: Photoelectric Effect

Q14) Electric Motor converts the Electric energy into\_\_\_\_\_.

Ans -: Electric energy to Mechanical energy

Q15) Robert Koch has invented the\_\_\_\_\_.

Ans -: Electron microscope

Q16) Force of attraction between the molecules of different substances is called\_\_\_\_\_.

Ans -: Adhesive Force

Q17) Electrons in Good conductors are\_\_\_\_\_.

Ans -: loosely bound

Q18) One barrel of oil = \_\_\_\_\_ litres. (approximately)

Ans -: 159

Q19) If a bar magnet is cut length wise into 3 parts, what will the total number of poles be?

Ans -: 6

Q20) If the body is hollow, then its centre of gravity lies?

Ans -: Outside the material

Q21) If the temperature inside a room is increased, the relative humidity will\_\_\_\_\_.

Ans -: Decrease

Q22) In summer, the mirages are seen due to the phenomenon of\_\_\_\_\_.

Ans -: Total Internal Reflection

Q23) In the visible spectrum which colour has the longest wavelength?

Ans -: Red

Q24) In which medium sound travels faster?

Ans -: Solid

Q25) Insects can move on the surface of water without sinking due to\_\_\_\_\_.

Ans -: Surface tension of water

Q26) The Laws of Electrolysis were proposed by –

Ans -: M Faraday

Q27) Light travels in a\_\_\_\_\_.

Ans -: Straight line

Q28) What is used as a cooling agent in most of the world's commercial nuclear power plants?

Ans -: Water

Q29) Nature of sound wave is\_\_\_\_\_?

Ans -: Longitudinal

Q30) 1 fermi unit is equal to –

Ans -:  $10^{-15}\text{m}$

**Q31) How many basic S.I. units are there?**

**Ans -: Seven**

**Q32) What is the principle on which a transformer works?**

**Ans -: Mutual Induction**

**Q33) The distance between Earth and Sun is termed as –**

**Ans -: 1 Astronomical unit**

**Q34) Potential energy of your body is minimum when you \_\_\_\_\_.**

**Ans -: Lie down on ground**

**Q35) What is the freezing point (temperature) of Pure water?**

**Ans -: 32 F**

**Q36) What is the unit of measurement of an Angle?**

**Ans -: Radian**

**Q37) Radio waves of constant amplitude can be generated with an \_\_\_\_\_.**

**Ans -: Oscillator**

**Q38) Hooke's law is related to**

**Ans -: Elasticity**

**Q39) Sudden fall in barometer is indication of \_\_\_\_\_.**

**Ans -: Storm**

**Q40) Water moving up a straw is an example of \_\_\_\_\_.**

**Ans -: Capillary Action**

Q41) The blue colour of the clear sky is due to\_\_\_\_\_.

Ans -: Dispersion of Light

Q42) What is a magnetic field's direction within a magnet?

Ans -: From South to North

Q43) The experiment demonstrating the existence of electromagnetic wave was first conducted by

Ans -: Heinrich Hertz

Q44) The filament string in an electric bulb is made of which metal?

Ans -: Tungsten

Q45) Drag is the\_\_\_\_\_ force exerted by fluids.

Ans -: Friction

Q46) The hydraulic brake used in automobiles is a direct application of\_\_\_\_\_.

Ans -: Pascal's Law

Q47) The image formed by convex lens in a simple microscope is\_\_\_\_\_.

Ans -: Virtual & Erect

Q48) What kind of mirror is used in motor vehicles near the driver's seat?

Ans -: Convex Mirror

Q49)\_\_\_\_\_&\_\_\_\_\_are present in the nucleus of an atom.

Ans -: Neutrons and protons

Q50) The size of atomic nucleus is of the order of\_\_\_\_\_.

Ans -:  $10^{-15}$  m

Q51) From the moon's surface, Astronauts see a Black Sky. This is because of\_\_\_\_\_.

Ans -: Absence of Atmosphere on Moon

Q52) The specific resistance of a wire varies with its\_\_\_\_\_.

Ans -: Material

Q53) The speed of light will be decreased with the rise in the temperature of the medium. True or False.

Ans -: False. (It remains unchanged)

Q54) Which is the strongest force in the nature?

Ans -: Nuclear Force

Q55) Which device is used to measure the temperature of the sun?

Ans -: Pyrometer

Q56) Which phenomenon occurs when light passes from a denser to rarer medium?

Ans -: Total Internal reflection

Q57) Which substances do not allow flow of charge through them?

Ans -: Insulators

Q58) The value of which quantity remains same in all system of units?

Ans -: Specific Gravity

Q59) What is the speed of sound in air?

Ans -: 332m/sec

Q60) The working of the quartz crystal in the watch is based on which effect?

Ans -: Piezoelectric Effect

Q61) Permanent magnets are made of\_\_\_\_\_.

Ans -: Steel

Q62) During a fog, the visibility is reduced. This is because of which phenomenon?

Ans -: Scattering of light

Q63) Weightlessness experienced in a spaceship is due to\_\_\_\_\_.

Ans -: Absence of Gravity

Q64) Which device is used to find submerged objects?

Ans -: SONAR

Q65) What converts the alternating current into direct current?

Ans -: Rectifier

Q66) Which element is used as a moderator in nuclear reactors?

Ans -: Graphite

Q67) Which device converts light energy into electric energy?

Ans -: Photoelectric cell

Q68) The unit of power of lens is called\_\_\_\_\_.

Ans -: Dioptre

Q69) What is the unit of Radioactivity?

Ans -: Curie

Q70) An object has to attain the velocity of\_\_\_\_\_to escape from earth's atmosphere?

Ans -: 11.2 km/sec

**Q71) What is the measuring unit of length of light waves?**

**Ans -: Angstrom**

**Q72) A short duration wave is known as –**

**Ans -: Pulse**

**Q73) When did Einstein propose that matter can be converted into energy?**

**Ans -: 1905**

**Q74) What is the SI unit of luminous intensity?**

**Ans -: Candela**

**Q75) What is the unit of magnetic flux?**

**Ans -: Maxwell**

**Q76) What is the unit of specific resistance?**

**Ans -: Ohm-metre**

**Q77) The wavelength of visible spectrum ranges from \_\_\_\_\_.**

**Ans -: 390-700 nanometres**

**Q78) A Washing machine works on the principle of –**

**Ans -: Centrifugation**

**Q79) When a ball is thrown upward, what happens to its Acceleration?**

**Ans -: It remains Constant**

**Q80) Magnifying glass is made of which type of lens?**

**Ans -: Convex lens**



**Q81) What colour will a red glass appear if it is heated in dark room?**

**Ans -: Green**

**Q82) What happens to the surface tension of the water when a detergent is added to it?**

**Ans -: Decreases**

**Q83) The value of 'g' (acceleration due to gravity) is maximum at \_\_\_\_\_?**

**Ans -: at poles**

**Q84) Which instrument is used to measure altitudes in aircrafts?**

**Ans -: Altimeter**

**Q85) Which instrument is used to measure change in volume of substances ?**

**Ans -: Dilatometer**

**Q86) Which instrument is used to measure depth of ocean ?**

**Ans -: Fathometer**

**Q87) The power of electric circuit is measured with a \_\_\_\_\_.**

**Ans -: Wattmeter**

**Q88) Which instrument is used to measure the scattering of light by particles suspended in a liquid ?**

**Ans -: Nephelometer**

**Q89) Which is more elastic – Steel or Rubber?**

**Ans -: Steel**

**Q90) Which is the only natural magnet?**

**Ans -: Magnetite**

**Q91) What Principle is used in the designing of ships and submarines?**

**Ans -:** Archimedes Principle

**Q92) Nuclear Fissions are initiated by\_\_\_\_\_.**

**Ans -:** Neutrons

**Q93) The wire in an electric heater is made up of\_\_\_\_\_.**

**Ans -:** Nichrome

**Q94) During Sonography which types of Waves are used?**

**Ans -:** Ultrasonic waves

**Q95) Diode Bulb was discovered by\_\_\_\_\_.**

**Ans -:** Sir J. S. Fleming

**Q96) Who gave the first experimental value of G?**

**Ans -:** Cavendish

**Q97) Who had showed that the electric and magnetic waves are equal in vacuum?**

**Ans -:** James Clerk Maxwell

**Q98) What is the escape velocity of Moon?**

**Ans -:** 2.38 Km/s

**Q99) Why does a liquid drop tend to assume a spherical shape?**

**Ans -:** To minimize surface tension

**Q100) Resistance of a Conductor is inversely proportional to it's\_\_\_\_\_.**

**Ans -:** Cross Sectional Area

# Chemistry

Q1) What is used in nuclear reactor as a moderator. It is also known as Heavy Water?

Ans -: Deuterium Oxide (D<sub>2</sub>O)

Q2) Which Metal is in liquid state at room temperature?

Ans -: Gallium

Q3) \_\_\_\_\_ elements are non-metal.

Ans -: Electro-negative

Q4) What is known as Artificial Silk.

Ans -: Rayon

Q5) Nitrous Oxide (N<sub>2</sub>O) is also known as –

Ans -: Laughing Gas

Q6) Which compound is used to prepare water proof clothes?

Ans -: Calcium hydride

Q7) Which Nobel Gas is also known as 'Stranger Gas'?

Ans -: Xenon

Q8) Which Acid is know as 'Oil of Vitriol'?

Ans -: Sulphuric acid

Q9) For making of parachute, which polymeric substance used?

Ans -: Viscose

Q10) Acid rain is caused when the air is polluted by \_\_\_\_\_ Gases.

Ans -: Nitrous Oxide & Sulphur dioxide

Q11) All noble gases are \_\_\_\_\_ & \_\_\_\_\_.

Ans -: Colourless and Odourless

Q12) \_\_\_\_\_ is used as a Water Purifier.

Ans -: Alum

Q13) Aluminium is extracted from which ore?

Ans -: Bauxite

Q14) The \_\_\_\_\_ Process is used to synthesized Ammonia (NH<sub>3</sub>)?

Ans -: Haber's Process

Q15) Which compound/acid commonly known as Aspirin?

Ans -: Acetylsalicylic Acid

Q16) \_\_\_\_\_ gas used to fill Balloons.

Ans -: Helium

Q17) \_\_\_\_\_ is also known as Baryta Water?

Ans -: Barium Hydroxide

Q18) Best sources for Vitamin D are –

Ans -: Sunlight & Fish liver

Q19) Which gas is the chief component of Bio-gas?

Ans -: Methane

Q20) \_\_\_\_\_ is the purest form of Carbon found in Nature.

Ans -: Diamond

Q21) The Chemical name of 'Washing Soda' is –

Ans -: Sodium Carbonate

Q22) What is the Chemical name of Chromic Acid?

Ans -: Chromium trioxide

Q23) Chemical name of Picric Acid is –

Ans -: Tri Nitro Phenol

Q24) In Photography, which chemical used as a fixer.

Ans -: Sodium thiosulphate

Q25) What are used to control the chain reaction in a nuclear reactor?

Ans -: Cadmium rods

Q26) In sunlight, Chloroform is converted into \_\_\_\_\_, a poisonous gas.

Ans -: Phosgene

Q27) Which Vitamin contains Cobalt?

Ans -: Vitamin B12

Q28) \_\_\_\_\_ is one of the most common preservatives used in food processing industry?

Ans -: Benzoic Acid

Q29) Which compounds are responsible for permanent hardness of water?

Ans -: Sulphates and Chlorides of Calcium and Magnesium

Q30) The temporary hardness of water is caused of because of which compounds?

Ans -: Bicarbonates of Calcium and Magnesium

Q31) Copper is extracted from which ore?

Ans -: Copper Pyrite

Q32) When there is \_\_\_\_\_, Dead organisms are transformed into petroleum and natural gas.

Ans -: Absence of air

Q33) Deuterium is \_\_\_\_\_ of Hydrogen.

Ans -: Isotope

Q34) the weight of iron is \_\_\_\_\_, when it is undergoing the process of 'rusting'.

Ans -: Increases

Q35) Efficiency of the catalyst depends on its –

Ans -: Molecular State

Q36) Egg shell is made up of \_\_\_\_\_.

Ans -: Calcium Carbonate

Q37) Which Vitamins are Fat Soluble?

Ans -: A, D, E & K

Q38) Which was the First organic compound synthesized in a lab and it was done by whom?

Ans -: Urea by Friedrich Wöhler

Q39) Fuse wire is made up of \_\_\_\_\_.

Ans -: Lead and Tin

Q40) \_\_\_\_\_ is used to coat Galvanised Iron.

Ans -: Zinc

**Q41. Which Gases are used by sea divers for under water breathing?**

**Ans -: Oxygen & Helium**

**Q42. \_\_\_\_\_ & \_\_\_\_\_ gases are helpful for ripening of raw fruits.**

**Ans -: Ethylene & Acetylene**

**Q43. The \_\_\_\_\_ found in an ore is known as Gangue.**

**Ans -: Impurities**

**Q44. Iron is extracted from which ore?**

**Ans -: Hematite**

**Q45. Kerosene is a mixture of \_\_\_\_\_.**

**Ans -: Aliphatic hydrocarbons**

**Q46. Which Element is used for making of Lead pencil.**

**Ans -: Graphite**

**Q47. The lightest metal is \_\_\_\_\_.**

**Ans -: Lithium**

**Q48. \_\_\_\_\_ is the main ore of Mercury.**

**Ans -: Cinnabar**

**Q49. Which Metal is found in the highest proportion in earth's crust?**

**Ans -: Aluminium**

**Q50. Mine explosions are mostly caused by mixing of Air & \_\_\_\_\_.**

**Ans -: Methane**

Q51. What is the compound used to in Nail polish remover?

Ans -: Acetone

Q52. Natural rubber is a polymer derived from\_\_\_\_\_.

Ans -: Isoprene

Q53. The coating on non-stick cookware is of\_\_\_\_\_.

Ans -: polytetrafluoroethylene (PTFE) – TEFLON

Q54. The Nuclear Fusion on the Sun's surface result into formation of\_\_\_\_\_Atoms.

Ans -: Helium

Q55. Organic Compounds are only soluble in\_\_\_\_\_.

Ans -: Non-polar solvents

Q56. \_\_\_\_\_ is also know as "FOOL'S GOLD".

Ans -: Iron Pyrite

Q57. In an Oxidation process \_\_\_\_\_ happens.

Ans -: Loss of electrons

Q58. Oxides of metals are\_\_\_\_\_.

Ans -: Alkaline

Q59. Ozone is \_\_\_\_\_ in nature.

Ans -: Diamagnetic

Q60. The chemical composition of paper is that of a\_\_\_\_\_.

Ans -: Cellulose



Q61. Paraffin wax is\_\_\_\_\_.

Ans -: Saturated hydrocarbon

Q62. In which type of Rocks is Petroleum (Fossil Fuel) is found?

Ans -: Sedimentary Rocks

Q63. \_\_\_\_\_ is also called White Gold.

Ans -: Platinum

Q64. Which is the purest form of Iron?

Ans -: Wrought Iron

Q65. Which Ore is used to extract Radium?

Ans -: Pitchblende

Q66. Solder is an alloy of\_\_\_\_\_.

Ans -: Tin and Lead

Q67. Which Radioactive Isotope is used in Cancer treatment?

Ans -: Cobalt – 60

Q68. \_\_\_\_\_ is the element common to all acids.

Ans -: Hydrogen

Q69. \_\_\_\_\_ is created by Alloying Iron and Chromium.

Ans -: Stainless Steel

Q70. The lustre of a metal is due to\_\_\_\_\_.

Ans -: Presence of free electrons

**Q71. Which Mineral element is found in chlorophyll?**

**Ans -: Magnesium**

**Q72. The most abundant element in the earth's crust is –**

**Ans -: Oxygen**

**Q73. The term 'catalysis' was coined by\_\_\_\_\_.**

**Ans -: Jöns Jakob Berzelius**

**Q74. Which element is the primary reason for radioactivity found in human body?**

**Ans -: Potassium – 40**

**Q75. Germanium, an ultrapure metal is purified by which method?**

**Ans -: Zone refining**

**Q76. Tooth enamel is made up of\_\_\_\_\_.**

**Ans -: hydroxyapatite, a mineral compound of calcium and phosphate**

**Q77. Which gas is filled inside a Tube light?**

**Ans -: Mercury Vapour & Argon**

**Q78. \_\_\_\_\_ is an aqueous solution of Acetic acid.**

**Ans -: Vinegar**

**Q79. Which Vitamins are Water Soluble?**

**Ans -: Vitamin B complex & Vitamin C**

**Q80. Silver turns black (Tarnish) because of its reaction with\_\_\_\_\_.**

**Ans -: Sulphur**

**Q81. Melting of ice can be prevented with the use of –**

**Ans -: Gelatin**

**Q82. A Bee Sting contains which Acid?**

**Ans -: Methanoic Acid**

**Q83. An Orange contains \_\_\_\_\_ Acid.**

**Ans -: Citric Acid**

**Q84. Etching of glass is done with the help of \_\_\_\_\_.**

**Ans -: Hydrofluoric acid (HF)**

**Q85. Which acid is used in soft drinks?**

**Ans -: Carbonic acid (H<sub>2</sub>CO<sub>3</sub>)**

**Q86. Silver Iodide is used as a 'seed' agent for making of –**

**Ans -: Artificial Rain**

**Q87. \_\_\_\_\_ is used as a catalyst for the synthesis of Sulphuric Acid by Contact Process.**

**Ans -: Platinum (Pt)**

**Q88. Vanaspati Ghee is synthesized with the help of which catalyst?**

**Ans -: Nickle (Ni)**

**Q89. Swelling of bread takes place because of –**

**Ans -: Carbon dioxide**

**Q90. Cigarette lighters contain \_\_\_\_\_ Gas.**

**Ans -: Butane**

**Q91. Which gas is used in fire extinguisher?**

**Ans -: Carbon dioxide**

**Q92. \_\_\_\_\_ is termed as 'Metal of Future'.**

**Ans -: Titanium**

**Q93. Safety matches are prepared using –**

**Ans -: Red Phosphorous**

**Q94. A Photoelectric cell contains \_\_\_\_\_ metal.**

**Ans -: Selenium**

**Q95. Zinc Phosphide is used as?**

**Ans -: Rat Poison**

**Q96. Which is the hardest substance found in human body?**

**Ans -: Tooth Enamel**

**Q97. Ozone is an \_\_\_\_\_ of Oxygen.**

**Ans -: Allotrope**

**Q98. Which Metal is naturally Anti-Bacterial?**

**Ans -: Copper**

**Q99. Which was the first element to be produced after Big Bang?**

**Ans -: Hydrogen**

**Q100. If you pour a handful of salt into a glass of water, the water level will \_\_\_\_\_.**

**Ans -: Go Down**

# Biology

Q1. Alcoholic drink contains\_\_\_\_\_.

Ans -: Ethyl Alcohol

Q2. Glucose is stored in the form of\_\_\_\_\_by Animals.

Ans -: Glycogen

Q3. Ascariasis is caused by\_\_\_\_\_.

Ans -: Round Worm

Q4. BCG vaccination (Bacillus Calmette Guerin) gives immunity from\_\_\_\_\_.

Ans -: Tuberculosis

Q5. Blood groups were discovered by –

Ans -: Karl Landsteiner

Q6. The first successful heart transplant in India was performed by –

Ans -: Dr. Panangipalli Venugopal

Q7. The oral polio vaccine was discovered by –

Ans -: Jonas Salk

Q8. Companion cells are unique to\_\_\_\_\_.

Ans -: Angiosperms

Q9. DNA stands for\_\_\_\_\_.

Ans -: Deoxyribonucleic Acid

Q10. Dog bite can cause rabies. Bite of which other animal can also cause rabies?

Ans -: Bat

Q11. Endocrine glands are also known as\_\_\_\_\_.

Ans -: Ductless Glands

Q12. The Small Pox vaccine was discovered by –

Ans -: Edward Jenner

Q13. Deficiency of iodine leads to\_\_\_\_\_.

Ans -: Enlargement of Thyroid Gland

Q14. First vaccine produced by bio-technology was used against which virus?

Ans -: Hepatitis-B

Q15. Turmeric is obtained from\_\_\_\_\_of a Plant.

Ans -: Stem

Q16. Genes are made by\_\_\_\_\_.

Ans -: Polynucleotides

Q17. Haematopoiesis occurs in\_\_\_\_\_.

Ans -: Bone marrow

Q18. Leprosy is also known as\_\_\_\_\_.

Ans -: Hansen's Disease

Q19. A human skull has\_\_\_\_\_number of bones.

Ans -: 22 Bones

Q20. Deposition of which acid in the muscles leads to a feeling of fatigue in Humans?

Ans -: Lactic Acid

Q21. RBC's count in the blood is increased when a person is having\_\_\_\_\_.

Ans: Polycythaemia

Q22. Where are the Lachrymal glands situated in the human body?

Ans: Eye Orbit

Q23. The red, blue and purple colours seen in plants is because of the\_\_\_\_\_pigment.

Ans: Anthocyanin

Q24. Which part of the human brain controls Motor skills of the body?

Ans: Frontal Lobes

Q25. What is the name the hormone that regulates the amount of glucose in the blood .

Ans: Insulin

Q26. Name the gas used for making vegetable ghee?

Ans: Hydrogen

Q27. Which is the largest gland in the human body?

Ans: Liver

Q28. The smallest functional unit of a kidney is the ?

Ans: Nephron

Q29. James D. Watson, a Nobel Prize winning scientist is expert in the field of\_\_\_\_\_.

Ans: Genetics

Q30. Polio is caused by a\_\_\_\_\_.

Ans: Virus

**Q31. The flow of energy in the Energy Pyramid is always\_\_\_\_\_.**

**Ans: Upwards**

**Q32. Saliva helps in the digestion of\_\_\_\_\_.**

**Ans: Starch**

**Q33. Which Parent's chromosome is used for sex determination test?**

**Ans: Father**

**Q34. The bio-gas used for cooking is a mixture of\_\_\_\_\_.**

**Ans: Methane & Carbon dioxide**

**Q35. The yellow colour of the human faeces is a result of the pigment called\_\_\_\_\_.**

**Ans: Urobilin**

**Q36. Which air pollutant causes the most serious health hazards?**

**Ans: Sulphur dioxide**

**Q37. Vitamin K is required for the synthesis of\_\_\_\_\_.**

**Ans: Prothrombin**

**Q38. Which compound is used in anti-malarial drug?**

**Ans: Chloroquine**

**Q39. Dental cavities are caused because of the deficiency of?**

**Ans: Fluorine**

**Q40. What is the process of filtering blood through an artificial kidney called?**

**Ans: Dialysis**



**Q41. Which is the first vaccine injected into a newly born baby?**

**Ans: BCG**

**Q42. Food poisoning is caused by\_\_\_\_\_.**

**Ans: Clostridium botulinum**

**Q43. Which hormone is used as an oral contraceptive?**

**Ans: Progesterone**

**Q44. The longest and largest bone in the human body is?**

**Ans: Femur**

**Q45. Which metal is present in haemoglobin?**

**Ans: Iron**

**Q46. What is the total number of Chromosomes found in the human gene?**

**Ans: 46**

**Q47. The PH value of human blood is?**

**Ans: 7.40**

**Q48. The plants, which grow under water stress conditions are called?**

**Ans: Xerophytes**

**Q49. During photosynthesis, Solar Energy is converted to\_\_\_\_\_.**

**Ans: Chemical energy**

**Q50. Which is the smallest bone in the human body?**

**Ans: Stapes**

**Q51. The study of Trees is called?**

**Ans: Dendrology**

**Q52. Who proposed the Theory of natural selection?**

**Ans: Dendrology**

**Q53. Turpentine oil is obtained from\_\_\_\_\_.**

**Ans: Resin from Pines**

**Q54. Upper most layer of skin is called?**

**Ans: Epidermis**

**Q55. Which is the only element found in Chlorophyll?**

**Ans: Magnesium**

**Q56. What are Bryophytes ?**

**Ans: Amphibious Plants**

**Q57. Which component of the Cell is called it's 'Kitchen'?**

**Ans: Chloroplast**

**Q58. What is known as 'Suicidal bags of cell'?**

**Ans: Chloroplast**

**Q59. What is systolic and diastolic pressure in a healthy man?**

**Ans: 120mm & 80mm**

**Q60. Dermatology is the study of?**

**Ans: Human Skin**

**Q61. Which chemical is popularly used in Rat poison?**

**Ans: White Phosphorus**

**Q62. What is the Dental formula of man?**

**Ans: 2123/2123**

**Q62. What is the name of first cloned sheep?**

**Ans: Dolly**

**Q64. \_\_\_\_\_ is the normal cholesterol level in human blood.**

**Ans: 180-200 mg/dL**

**Q65. A \_\_\_\_\_ is the smallest structural and functional unit of nervous system.**

**Ans: Neuron**

**Q66. 99% percentage of water is lost during transpiration, True or False?**

**Ans: TRUE**

**Q67. Which enzyme is present in all members of the animal kingdom except Protozoa?**

**Ans: Amylase**

**Q68. Zika virus is carried by \_\_\_\_\_ Mosquito.**

**Ans: Aedes**

**Q69. Tomato contains which acid?**

**Ans: Oxalic Acid**

**Q70. Which animal respire without having blood in them?**

**Ans: Oxalic Acid**

**Q71. Which cells acting as phagocytes are present in the liver?**

**Ans: Kupffer cells**

**Q72. Which cell organelles function as the power house of a living cell?**

**Ans: Mitochondria**

**Q73. A bite of a mad dog causes –**

**Ans: Hydrophobia**

**Q74. Which disease is known as 'silent killer'?**

**Ans: High Blood pressure**

**Q75. Human saliva contains the enzyme known as\_\_\_\_\_.**

**Ans: Ptyalin**

**Q76. Which gland disappears during old age?**

**Ans: Thymus**

**Q77. The insect responsible for the spread of Kala-azar is –**

**Ans: Sand Fly**

**Q78. \_\_\_\_\_ is known as the strongest natural fibre.**

**Ans: Silk**

**Q79. Which is known as graveyard of RBC's ?**

**Ans: Spleen**

**Q80. The gland known as master gland in human body is the\_\_\_\_\_.**

**Ans: Pituitary gland**

**Q81. The process of cell division is known as –**

**Ans: Mitosis**

**Q82. Which part of the Plant body acts as the carrier of food and other substances to all its parts?**

**Ans: Phloem**

**Q83. Which is the sweetest sugar?**

**Ans: Fructose**

**Q84. The hearing function is associated with which part of the Human Brain?**

**Ans: Temporal Lobe**

**Q85. Which major chemical compound is found in human kidney stones?**

**Ans: Calcium oxalate**

**Q86. Which metal is present in Insulin?**

**Ans: Zinc**

**Q87. Thirst, hunger and sleep are controlled by which part of the brain?**

**Ans: Hypothalamus**

**Q88. Alcohol affects which part of human brain?**

**Ans: Cerebellum**

**Q89. Which part of human brain is the regulating centre for swallowing and vomiting?**

**Ans: Medulla Oblongata**

**Q90. Which part of the Human Eye changes its size based on the amount of Light?**

**Ans: Pupil**

**Q91. \_\_\_\_\_ is the plant which yields biodiesel or biofuel. Ans: Jatropha  
Curcas**

**Q92. The part of the human eye which regulates the quantum of light entering is – Ans: Iris**

**Q93. Which salt is found in bone in largest amount? Ans: Calcium  
Phosphate**

**Q94. What is the name of the test done to diagnose cancer? Ans: Biopsy  
Test**

**Q95. The vitamin which is considered to be a hormone is – Ans: Biopsy  
Test**

**Q96. Intake of which vitamin is recommended to improve blood coagulation? Ans: Vitamin K**

**Q97. Who explained about the blood circulation for the first time? Ans: William  
Harvey**

**Q98. Alexander Fleming invented \_\_\_\_\_. Ans: Penicillin**

**Q99. Who is credited for producing first man-made Gene in a lab? Ans: Dr.  
Hargobind Khurana**

**Q100. Xerophthalmia is a disease caused by lack of which vitamin?**

**Ans: Vitamin A**