

Basics of Every Day Science EDS - Important MCQs

Q1: When white light is passed through a prism, it splits into _____ colors.

Ans: 7

[Click here for Explanation](#)

Q2: USB stands for _____?

Ans: Universal Serial Bus

[Click here for Explanation](#)

Q3: What is the Unit of Force?

Ans: Newton

[Click here for Explanation](#)

Q4: The boiling point of water on a centigrade scale is?

Ans: 100°C

[Click here for Explanation](#)

Q5: The SI unit of "Pressure" is _____?

Ans: Pascal

[Click here for Explanation](#)

Q6: The intensity of earthquake is measured by ____?

Ans: Richter scale

[Click here for Explanation](#)

Q7: Who gave the theory of Evolution By Natural Selection?

Ans: Charles Darwin

[Click here for Explanation](#)

Q8: Which lens is used for the correction of long-sightedness?

Ans: Convex lens

[Click here for Explanation](#)

Q9: LED stands for ____?

Ans: Light Emitting Diode

[Click here for Explanation](#)

Q10: Short-sightedness defect can be corrected by wearing a ____?

Ans: Concave Lens

[Click here for Explanation](#)

Q11: Which of the following is secreted by liver and stored in the gallbladder?

Ans: Bile

[Click here for Explanation](#)

Q12: The smallest structural and functional unit of life is ____?

Ans: Cell

[Click here for Explanation](#)

Q13: A computer program that translates one program instructions at a time into machine language is called?

Ans: Interpreter

[Click here for Explanation](#)

Q14: The number of spark plugs needed in a diesel engine is ____?

Ans: Zero

[Click here for Explanation](#)

Q15: Electric current is measured by ____?

Ans: Ammeter

[Click here for Explanation](#)

Q16: The shortest distance between two points is called?

Ans: Displacement

[Click here for Explanation](#)

Q17: Animals that eat both plants and animals are known as?

Ans: Omnivores

[Click here for Explanation](#)

Q18: Infants (children) should be immunized with BCG (Bacille Calmette-Guerin) vaccines against?

Ans: Tuberculosis

[Click here for Explanation](#)

Q19: The process in which solid directly changes to gas is called?

Ans: Sublimation

[Click here for Explanation](#)

Q20: The male reproductive part of the flower is called?

Ans: Stamen

[Click here for Explanation](#)

Q21: MRI is stands for ____?

Ans: Magnetic Resonance Imaging

[Click here for Explanation](#)

Q22: Sound travels fastest in _____?

Ans: Diamond

[Click here for Explanation](#)

Q23: Photosynthesis takes place in presence of the following light?

Ans: Only in sunlight from the sun

[Click here for Explanation](#)

Q24: Which organ is made up of air carrying tubes and tiny sacs?

Ans: Lungs

[Click here for Explanation](#)

Q25: A chronometer meter measures ____ ?

Ans: Time

[Click here for Explanation](#)

Q26: Our galaxy (Milky Way Galaxy) is ____ in shape.

Ans: Spiral

[Click here for Explanation](#)

Q27: Barcode reader is a device ____?

Ans: Input

[Click here for Explanation](#)

Q28: Which of the following gas mainly responsible for ozone layer depletion?

Ans: Chlorofluorocarbon

[Click here for Explanation](#)

Q29: The distance between two successive crests or troughs of a wave is called ____?

Ans: Wavelength

[Click here for Explanation](#)

Q30: Decibel (dB) is the unit which can be used to measure the?

Ans: Amplitude

[Click here for Explanation](#)

Q31: Less than one percent of Earth's water is fresh water but Ocean contains what percent of the total water of planet Earth?

Ans: 97%

[Click here for Explanation](#)

Q32: Wind energy is the ____ energy.

Ans: Kinetic

[Click here for Explanation](#)

Q33: Which of these are involved in the clotting of blood?

Ans: Platelets

[Click here for Explanation](#)

Q34: When an object reflects the entire component colours of light, it appears ____?

Ans: White

[Click here for Explanation](#)

Q35: Water percentage in plasma is ____?

Ans: 90%

[Click here for Explanation](#)

Q36: When blue litmus paper dipped acids, its colour change to ____?

Ans: Red

[Click here for Explanation](#)

Q37: The speed of the sound in air is ____?

Ans: 343 m/s

[Click here for Explanation](#)

Q38: In periodic table elements are arranged according to ____?

Ans: Increasing in atomic number

[Click here for Explanation](#)

Q39: Bile is manufactured and stored by which organ?

Ans: Liver

[Click here for Explanation](#)

Q40: The distance covered by a unit of time is called?

Ans: Speed

[Click here for Explanation](#)

Q41: All electromagnetic waves travel through a vacuum at ____?

Ans: The same speed

[Click here for Explanation](#)

Q42: Which gas among the following is a major greenhouse gas?

Ans: Carbon Dioxide

[Click here for Explanation](#)

Q43: Snail belongs to which of the following phylum?

Ans: Mollusca

[Click here for Explanation](#)

Q44: The potential of pure water is ____?

Ans: Zero

[Click here for Explanation](#)

Q45: In modern periodic table, how many periods are there?

Ans: 7

[Click here for Explanation](#)

Q46: One calorie is equal to how many joules?

Ans: 4184 joules

[Click here for Explanation](#)

Q47: In Fahrenheit scale the boiling point of water is ____?

Ans: 212°F

[Click here for Explanation](#)

Q48: The sum of protons and neutrons in the nucleus of an atom is known as ____?

Ans: Mass Number

[Click here for Explanation](#)

Q49: The maximum mass of an atom is concentrated in ____?

Ans: Nucleus

[Click here for Explanation](#)

Q50: The melting point of ice at normal atmospheric pressure is ____?

Ans: 0 °C

[Click here for Explanation](#)

Q51: In the normal human eye, the image is formed ____?

Ans: On the retina

[Click here for Explanation](#)

Q52: In a solution, when water is used as a solvent that solution is called?

Ans: Aqueous Solution

[Click here for Explanation](#)

Q53: Nuclei having the same nuclear charge but different masses are called ____?

Ans: Isotopes

[Click here for Explanation](#)

Q54: Which vitamin is most soluble in water?

Ans: Both B and C

[Click here for Explanation](#)

Q55: Which is the renewable source of energy?

Ans: Solar and wind

[Click here for Explanation](#)

Q56: How many times the proton is heavier than an electron?

Ans: 1836

[Click here for Explanation](#)

Q57: Light travels in a ____?

Ans: Straight Line

[Click here for Explanation](#)

Q58: The chemical formula for methane gas is?

Ans: CH₄

[Click here for Explanation](#)

Q59: Animal that eat the producers (plants) are called?

Ans: Primary Consumers

[Click here for Explanation](#)

Q60: The speed of light in vacuum is about

Ans: 300,000 kilometers per second

[Click here for Explanation](#)

Q61: Law of conservation of mass was given by ____?

Ans: Antoine Lavoisier

[Click here for Explanation](#)

Q62: A voltmeter is always connected in a circuit in ____?

Ans: Parallel

[Click here for Explanation](#)

Q63: Naked seed plants are called ____?

Ans: Gymnosperms

[Click here for Explanation](#)

Q64: Sound waves travel in solvents in the form of ____?

Ans: Longitudinal Waves

[Click here for Explanation](#)

Q65: The maximum number of electrons K orbit possesses?

Ans: 2

[Click here for Explanation](#)

Q66: A group of similar cells combine together to form ____?

Ans: Tissue

[Click here for Explanation](#)

Q67: Compressed Natural Gas (CNG) has the same chemical composition as that of ____?

Ans: Sui Gas

[Click here for Explanation](#)

Q68: Which one is a vector quantity?

Ans: Weight

[Click here for Explanation](#)

Q69: The Deoxyribonucleic acid is abbreviated as ____?

Ans: DNA

[Click here for Explanation](#)

Q70: Scientific name of frog is ____?

Ans: Rana tigrina

[Click here for Explanation](#)

Q71: In Fahrenheit scale the freezing point of water is ____?

Ans: 32°F

[Click here for Explanation](#)

Q72: Second highest layer of Earth's atmosphere is ____?

Ans: Stratosphere

[Click here for Explanation](#)

Q73: Volvox is a polyphyletic genus of ____?

Ans: Green algae

[Click here for Explanation](#)

Q74: Citric Acid found in ____?

Ans: Lemons

[Click here for Explanation](#)

Q75: Solar energy is radiated in the form of?

Ans: Electromagnetic waves

[Click here for Explanation](#)

Q76: The female reproductive part of the flower is called?

Ans: Carpel (Pistil)

[Click here for Explanation](#)

Q77: The angle of incidence of a ray for which the angle of refraction is 90° is called ____?

Ans: Critical Angle

[Click here for Explanation](#)

Q78: The cause of malaria is ____?

Ans: Plasmodium

[Click here for Explanation](#)

Q79: Which one of the following is a non-luminous object(s)?

Ans: Moon

[Click here for Explanation](#)

Q80: The audible range of normal human ear is ____?

Ans: 20 Hz to 20kHz

[Click here for Explanation](#)

Q81: IC stands for ____?

Ans: Integrated Circuit

[Click here for Explanation](#)

Q82: If output voltage is greater than input voltage, then transformer is :

Ans: Step up

[Click here for Explanation](#)

Q83: The _____ is made up of a double helix of two complementary strands.

Ans: DNA

[Click here for Explanation](#)

Q84: Which animal is known to breath through their skin?

Ans: Frog

[Click here for Explanation](#)

Q85: Movement of earth material as a unit along a curved surface is called?

Ans: Slump

[Click here for Explanation](#)

Q86: If the container of enclosed gas heated, what will happen inside the container?

Ans: Pressure will be increased

[Click here for Explanation](#)

Q87: Rabbit feed on seeds and leaves that's why it is called as ____?

Ans: Herbivore

[Click here for Explanation](#)

Q88: Law of conservation of momentum defines that the total momentum of a system of two bodies before and after collision ____?

Ans: Remains constant

[Click here for Explanation](#)

Q89: The power of combining of an atom with other atoms to form molecules or compounds is called?

Ans: Valency

[Click here for Explanation](#)

Q90: The movement of materials/sugar from the leaves to other tissues of the plant is called?

Ans: Translocation

[Click here for Explanation](#)

Q91: What is the colour of phenolphthalein indicator in basic medium?

Ans: Pink

[Click here for Explanation](#)

Q92: Which of the following helps to change the shape of the lens in the eye?

Ans: Ciliary Muscles

[Click here for Explanation](#)

Q93: The heat from Sun reaches to earth in form of waves called ____?

Ans: Radiation

[Click here for Explanation](#)

Q94: In human heart blood returning from lungs first drains into the ____?

Ans: Left atrium

[Click here for Explanation](#)

Q95: Periscope is another optical instrument that works on the principle of total ____?

Ans: Internal Reflection

[Click here for Explanation](#)

Q96: The primary colors of light are ____?

Ans: 3

[Click here for Explanation](#)

Q97: A _____ is a semiconductor component that can either be used as switch or an amplifier.

Ans: Transistor

[Click here for Explanation](#)

Q98: Which fluid is used in hydraulic power systems?

Ans: All of these

[Click here for Explanation](#)

Q99: A Global Positioning System (GPS) comprises how many satellites?

Ans: More than 30

[Click here for Explanation](#)

Q100: The characteristic of sound by which we can differentiate between shrill and grave sound is _____?

Ans: Pitch

[Click here for Explanation](#)

[Click Here For Next Part →](#)

⚠ If the page or explanation does not open, please try changing your **PDF viewer**.