

Every Day Science — MCQs

Prepared by **DocMCQs**

Pages 1 to 10

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Q1: Which isotope is used in carbon dating?

- A) Carbon-12
- B) Carbon-13
- C) Carbon-14.
- D) Carbon-15

Correct: Carbon-14.

Q2: What is the main component of biogas?

- A) Propane
- B) Butane
- C) Methane.
- D) Ethane

Correct: Methane.

Q3: Which principle explains how airplane wings generate lift?

- A) Archimedes' Principle
- B) Bernoulli's Principle.
- C) Pascal's Law
- D) Newton's Third Law

Correct: Bernoulli's Principle.

Q4: Ozone depletion is mainly caused by which chemicals?

- A) Carbon dioxide
- B) Chlorofluorocarbons (CFCs).
- C) Nitrogen gas
- D) Methane

Correct: Chlorofluorocarbons (CFCs).

Q5: Which vitamin is known as Tocopherol?

- A) Vitamin A
- B) Vitamin C
- C) Vitamin D
- D) Vitamin E.

Correct: Vitamin E.

Q6: What is the main biological cause of antibiotic resistance?

- A) Lack of physical exercise
- B) Genetic mutation and gene transfer.
- C) Eating expired food
- D) Vitamin deficiencies

Correct: Genetic mutation and gene transfer.

Q7: Which part of the brain controls decision making and personality?

- A) Cerebellum
- B) Prefrontal Cortex.
- C) Medulla Oblongata
- D) Occipital Lobe

Correct: Prefrontal Cortex.

Q8: What is the Albedo Effect?

- A) Absorption of heat by oceans
- B) Reflection of solar energy from Earth's surface.
- C) Melting of polar ice caps
- D) Radiation emitted by electronic devices

Correct: Reflection of solar energy from Earth's surface.

Q9: Which enzymes are known as molecular scissors in genetic engineering?

- A) Polymerases
- B) Ligases

C) Restriction enzymes.

D) Amylases

Correct: Restriction enzymes.

Q10: In the context of Human Biology, what is the 'Telomere' and why is it significant in aging?

A) A brain cell that stops functioning

B) Protective caps at the end of chromosomes that shorten as cells divide.

C) A stomach enzyme that breaks down proteins

D) A type of white blood cell

Correct: Protective caps at the end of chromosomes that shorten as cells divide.

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Q11: What is the fundamental difference between 'Nuclear Fission' and 'Nuclear Fusion'?

A) Fission joins light nuclei; fusion splits heavy nuclei

B) Fission splits heavy nuclei; fusion joins light nuclei.

C) Fission requires higher temperature than fusion

D) Fission produces no radioactive waste

Correct: Fission splits heavy nuclei; fusion joins light nuclei.

Q12: Which layer of the atmosphere is known as the 'Heat Sphere'?

- A) Troposphere
- B) Stratosphere
- C) Mesosphere
- D) Thermosphere.

Correct: Thermosphere.

Q13: Types of bonds based on electron tendency are:

- A) 1
- B) 2
- C) 3
- D) 4

Correct: 4

Q14: Which is a trace element?

- A) Oxygen
- B) Iron
- C) Carbon
- D) None of these

Correct: Iron

Q15: Gravitational constant was first determined by:

- A) Einstein
- B) Newton

C) Henry Cavendish

D) Stephen Hawking

Correct: Henry Cavendish

Q16: Total ATP used in glycolysis is:

A) 2

B) 4

C) 3

D) 6

Correct: 2

Q17: Herpetology is study of:

A) Fish

B) Birds

C) Mammals

D) Reptiles

Correct: Reptiles

Q18: Treeless region at high latitude is called:

A) Desert

B) Forest

C) Grassland

D) Tundra

Correct: Tundra

Q19: Increase in leucocytes indicates:

- A) Anaemia
- B) Infection
- C) Increased defense
- D) Non formation RBC

Correct: Infection

Q20: Nm^{-2} is SI unit of:

- A) Energy
- B) Work
- C) Density
- D) Pressure

Correct: Pressure

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Q21: Thickness of Earth's core is approximately:

- A) 500 km
- B) 2900 km
- C) 1900 km

D) 3900 km

Correct: 3900 km

Q22: Acromegaly is caused by:

A) Thyroid gland

B) Adrenal gland

C) Thymus gland

D) Anterior pituitary

Correct: Anterior pituitary

Q23: In which part of body maltose convert to Glucose?

A) Stomach

B) Small intestine

C) Large intestine

D) Liver

Correct: Small intestine

Q24: Knot is a unit of speed which of following?

A) Aeroplane

B) Train

C) Ship

D) Racing Car

Correct: Ship

Q25: Electric car back EMF is called

- A) Resistance
- B) Inductance
- C) Back EMF
- D) None

Correct: Back EMF

Q26: Energy transfer in food chain is

- A) 90%
- B) 10%
- C) 50%
- D) 100%

Correct: 10%

Q27: Which is NOT fundamental particle

- A) Neutron
- B) Proton
- C) Neutrino
- D) Quark

Correct: Neutron

Q28: A submarine works according to which scientific law?

- A) Newton's First Law
- B) Archimedes' Principle
- C) Pascal's Law
- D) Boyle's Law

Correct: Archimedes' Principle

Q29: The model where the Sun was believed to revolve around the Earth was first proposed by which scientist?

- A) Nicolaus Copernicus
- B) Ptolemy
- C) Galileo Galilei
- D) Johannes Kepler

Correct: Ptolemy

Q30: Ice floats on water because:

- A) Ice is denser than water
- B) Water is denser than ice
- C) It is more viscous than water
- D) Ice has more surface tension than water

Correct: Water is denser than ice

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Q31: Taste buds are for:

- A) Digestion
- B) Selection/ Taste perception
- C) Respiration
- D) Safety

Correct: Selection/ Taste perception

Q32: Soil erosion is caused by:

- A) Deforestation
- B) Residual
- C) Mining
- D) Leaching

Correct: Deforestation

Q33: Which is the nearest major galaxy to Earth (outside the Milky Way)?

- A) Milky Way
- B) Andromeda Galaxy
- C) Triangulum Galaxy
- D) Sombrero Galaxy

Correct: Andromeda Galaxy

Q34: Which of the following is an example of a mineral acid?

- A) Acetic acid
- B) Citric acid
- C) Sulfuric acid
- D) Tartaric acid

Correct: Sulfuric acid

Q35: How many vertebrae are there in the adult human body (counting fused bones as in adult anatomy)?

- A) 33
- B) 24
- C) 22
- D) 20

Correct: 33

Q36: Mushrooms belong to which kingdom?

- A) Fungi
- B) Plantae
- C) Animalia
- D) Protista

Correct: Fungi

Q37: Who formulated the law of gravity?

- A) Albert Einstein
- B) Galileo Galilei
- C) Isaac Newton
- D) Nikola Tesla

Correct: Isaac Newton

Q38: Marsupials are mammals that carry and nurse their young in a:

- A) Nest
- B) Burrow
- C) Pouch
- D) Den

Correct: Pouch

Q39: What is the main locomotory structure of bacteria?

- A) Flagellum
- B) Pseudopodia

Correct: Flagellum

Q40: Which of the following is the fastest growing tree?

- A) Teak
- B) Eucalyptus
- C) Sal
- D) Banyan

Correct: Eucalyptus

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Q41: Goitre is caused by the deficiency of which nutrient?

- A) Vitamin D
- B) Iodine
- C) Iron
- D) Calcium

Correct: Iodine

Q42: The resistance in an object that causes it to resist changes in its motion is called:

- A) Friction
- B) Inertia
- C) Gravity
- D) Momentum

Correct: Inertia

Q43: Which of the following elements is liquid at room temperature?

- A) Bromine
 - B) Silicon
 - C) Gallium
-

Correct: Bromine

Q44: What does the medical term Lordosis mean?

- A) Curved neck
- B) Swollen joints
- C) Hollow back
- D) Bent knee

Correct: Hollow back

Q45: Deficiency of Vitamin D leads to _____ in children.

- A) Scurvy
- B) Rickets
- C) Bleeding diathesis
- D) Osteoporosis

Correct: Rickets

Q46: DNA is the abbreviation of _____.

- A) Decomposed nucleic Acid
- B) Degenerated nucleic Acid
- C) Deoxyribonucleic Acid
- D) None

Correct: Deoxyribonucleic Acid

Q47: Hydrophobia is a symptom of which of the following diseases?

- A) Malaria
- B) Cholera
- C) AIDS
- D) Rabies

Correct: Rabies

Q48: Exposure to sunlight results in the formation of _____?

- A) Vitamin A
- B) Vitamin C
- C) Vitamin E
- D) Vitamin D

Correct: Vitamin D

Q49: Who postulated the law of universal gravitation?

- A) Newton
- B) Dalton
- C) Einstein
- D) None of these

Correct: Newton

Q50: Eugenics is the study of _____?

- A) Water diseases

- B) Study of flowers
- C) Altering human beings by changing their genetic components
- D) Water sports

Correct: Altering human beings by changing their genetic components

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Q51: What is the main purpose of nuclear energy?

- A) To kill the enemy nation
- B) To waste the excessive energy
- C) To use it as an alternative source of energy
- D) To cause mutation for people who are working

Correct: To use it as an alternative source of energy

Q52: Common name for Sodium chloride NaCl is?

- A) Baking soda
- B) Sugar
- C) Salt
- D) None of these

Correct: Salt

Q53: Indigo is a large genus of _____?

- A) Trees
- B) Shrubs
- C) Herbs
- D) All of these

Correct: All of these

Q54: Which of the following is the lightest metal?

- A) Lead
- B) Lithium
- C) Mercury
- D) Silver

Correct: Lithium

Q55: What is the alternative name for Thrombocytes in blood cells?

- A) RBC
- B) WBC
- C) Platelets
- D) Serum

Correct: Platelets

Q56: Which waves are commonly utilized in Night Vision Devices?

- A) Ultra Violet Waves
- B) Infra-Red Waves

C) Radio Waves

D) Microwaves

Correct: Infra-Red Waves

Q57: Which one of the following can be measured by an Odometer?

A) Velocity

B) Acceleration

C) Pressure

D) Distance

Correct: Distance

Q58: The freezing point of pure water in Fahrenheit is:

A) 0°F

B) 18°F

C) 32°F

D) 47°F

Correct: 32°F

Q59: Average distance between the Earth and the Moon is:

A) 384,400 Km

B) 484,400 Km

C) 584,400 Km

D) 684,400 Km

Correct: 384,400 Km

Q60: The remains or traces of living organisms from the past are named as:

- A) Minerals
- B) Rocks
- C) Fossils
- D) Sand

Correct: Fossils

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Q61: The hardest thing present in a human body is:

- A) Dental enamel
- B) Skull bones
- C) Ribs
- D) None of these

Correct: Dental enamel

Q62: In the atmosphere, if the temperature is low then the pressure is generally:

- A) Low
- B) High
- C) Normal

D) None of these

Correct: High

Q63: The blotting paper helps absorb liquids by _____.

A) Viscosity

B) Capillary action

C) Surface tension

D) None of these

Correct: Capillary action

Q64: The respiratory problem common in smokers is:

A) Tuberculosis

B) Asthma

C) Emphysema

D) None of these

Correct: Emphysema

Q65: Light takes about _____ to reach Earth from the Sun.

A) 8 Seconds

B) 8 Minutes

C) 17 Seconds

D) None of these (8.3 Minutes)

Correct: None of these (8.3 Minutes)

Q66: The study of stars is known as:

- A) Astrology
- B) Astronomy
- C) Cosmography
- D) None of these

Correct: Astronomy

Q67: In Pakistan, annually sugar consumption per capita is estimated as:

- A) 15kg
- B) 20kg
- C) 25kg
- D) None of these

Correct: 25kg

Q68: Which one is not a vestigial organ of a human being?

- A) Appendix
- B) Coccyx
- C) Eyelid
- D) None of these

Correct: Eyelid

Q69: Which is the slowest rotating planet?

- A) Mars
- B) Venus
- C) Jupiter
- D) None of these

Correct: Venus

Q70: Which one of the following is the major Ingredient of leather?

- A) Carbohydrates
- B) Collagen
- C) Syntans
- D) None of these

Correct: Collagen

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Q71: Fibula is a bone found in one of the following parts of the human body.

- A) Arm
- B) Leg
- C) Skull
- D) None of these

Correct: Leg

Q72: Sir Frederick Banting discovered one of the following life-saving substances:

- A) Covid Vaccine
- B) Insulin
- C) Anti-Rabies Vaccine
- D) None of these

Correct: Insulin

Q73: Bamboo belongs to:

- A) A weed family
- B) A Herb family
- C) A Grass family
- D) None of these

Correct: A Grass family

Q74: Glucose syrup is commonly made from:

- A) Sugar Cane
- B) Maize
- C) Beetroot
- D) None of these

Correct: Maize

Q75: The most abundant element in the earth's crust is:

- A) Carbon dioxide
- B) Ozone
- C) Oxygen
- D) None of these

Correct: Oxygen

Q76: Which is the most light-sensitive part of the human eye?

- A) Retina
- B) Cornea
- C) Pupil
- D) Lens

Correct: Retina

Q77: Scientific Study of teeth is called?

- A) Odontology
- B) Ornithology
- C) Orthoepy
- D) Pedagogy

Correct: Odontology

Q78: The Central Nervous System (CNS) is primarily made up of:

- A) Muscles and Bones

B) Blood and Lymphatic Vessels

C) Brain and Spinal Cord

D) Skin and Hair

Correct: Brain and Spinal Cord

Q79: The gases used in different types of welding would include:

A) oxygen and hydrogen

B) oxygen, hydrogen, acetylene and nitrogen

C) oxygen, acetylene and argon

D) oxygen and acetylene

Correct: oxygen, acetylene and argon

Q80: Slender and thread-like structures of fungi are called:

A) Mycelium

B) Rhizoids

C) Rhizinae

D) Hyphae

Correct: Hyphae

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Q81: A celestial body that revolves around a planet is known as a:

- A) Comet
- B) Meteor
- C) Moon
- D) Asteroid

Correct: Moon

Q82: The seasons change because the:

- A) Moon is revolving around the earth
- B) Earth is revolving around its axis
- C) Earth is revolving around the sun
- D) Planet Mars is attracting the sun

Correct: Earth is revolving around the sun

Q83: Lungs located in which cavity

- A) A. Thorat cavity
- B) B. Bacual cavity
- C) C. Both
- D) D. None of these

Correct: B. Bacual cavity

Q84: Normal human body temperature 98.6°F corresponds to:

- A) 55°C
- B) 42°C

C) 37°C

D) None of these

Correct: 37°C

Q85: Sunspots were discovered by _____?

A) Newton

B) Chadwick

C) Galileo

D) Alberoni

Correct: Galileo

Q86: The muscles, tissues, and blood all are made up of:

A) Carbohydrates

B) Proteins

C) Vitamins

D) Fats

Correct: Proteins

Q87: The number of bones in a newborn baby is approximately:

A) 200

B) 250

C) 300

D) None of these

Correct: 300

Q88: A matter can exist in which of the following forms:

- A) Liquid
- B) Solid
- C) Gas
- D) All of these

Correct: All of these

Q89: Venus indicated the direction of:

- A) (A) North
- B) (B) South
- C) (C) East
- D) (D) West

Correct: (C) East

Q90: Which city is built on 118 islands?

- A) Rome
- B) Venice
- C) Turin
- D) None of these

Correct: Venice

Q91: What do satellites revolve around?

- A) Stars
- B) Planets
- C) Sun
- D) None of these

Correct: Planets

Q92: Entomology is the science that studies:

- A) Humans
- B) Insects
- C) Rocks
- D) None of these

Correct: Insects

Q93: Which of the following materials is most likely non-biodegradable?

- A) (A) Tea leaves
- B) (B) Nylon
- C) (C) Remains of animals
- D) (D) Fleece of sheep

Correct: (B) Nylon

Q94: In Eye donation, which part of the eye used?

- A) (A) Retina
- B) (B) Cornea
- C) (C) Iris
- D) (D) Optic nerve

Correct: (B) Cornea

Q95: Who proposed the cell theory?

- A) Hooke
- B) Haeckel
- C) Matthias Schleiden and Schwann
- D) Albrecht Von Roelliker

Correct: Matthias Schleiden and Schwann

Q96: The tiny units that make up the core of an atom are called:

- A) (A) protons and the nucleons
- B) (B) Neutrons
- C) (C) Electrons
- D) (D) Quarks

Correct: (D) Quarks

Q97: Saltwater makes up about what percentage of the Earth's total water?

A) (A) 93%

B) (B) 95%

C) (C) 97%

D) (D) 99%

Correct: (C) 97%

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