

Everyday Science MCQs

- The soul of chemistry is dealing with_____?**
 - Internal structural changes in matter
 - Composition of matter
 - Properties of matter
 - Composition and properties of matter**
- which one is the most common disease?**
 - Dental**
 - Leprosy
 - Headache
 - Migraine
- Orange belongs to the family**
 - Malvaceae
 - Rotaceae
 - Rutaceae**
 - Composite
- Vertebral Column in human beings consists of how many vertebrae?**
 - 5
 - 10
 - 12
 - 33**
- 2017 Nobel Prize Currently Awarded in Physics is for_____?**
 - Far Observation of Gravitational Waves
 - Far Observation of Gravitational Weight
 - First Observation of Gravitational Waves**
 - Far Objectivity of Gravitational Waves
- Diesel engine was discovered by_____?**
 - Paul Muller
 - Faraday
 - Waldeyer
 - Rudolf Diesel**
- Electron was discovered by?**
 - Michael Faraday
 - James Maxwell
 - Yuri Gagarin
 - J.J Thomson**
- Which planet is much brighter in our solar system?**
 - Earth
 - Venus**
 - Mercury
 - Jupiter
- The main function of kidney is_____?**
 - to control blood pressure
 - to control body temperature

- C. to remove waste from blood
D. to help in digestion of body
10. **The energy stored in a dam is _____?**
A. Kinetic energy
B. Electrical energy
C. Potential energy
D. None of these
11. **Moon light reaches to earth in _____ seconds?**
A. 0.3 seconds
B. 1.3 seconds
C. 2.3 seconds
D. 3.3 seconds
12. **Who developed the telegraph code?**
A. Andre Ampere
B. Samuel Morse
C. Joseph Henry
D. Jean Fourier
13. **How many numbers of chromosomes in Pea plant?**
A. 12
B. 14
C. 46
D. 48
14. **which of these plants open its mouth when insect sit on its lid?**
A. Sunflower
B. Pitcher plant
C. Brassica Plant
D. None of these
15. **The speed of sound in air at sea level is approximately _____?**
A. 300 meter per second
B. 320 meter per second
C. 340 meters per second
D. 370 meter per second
16. **Who invented the safety pin?**
A. Charles Goodbye
B. steward Harshone
C. Walter Hunt
D. A,Rose
17. **Entomology Is the Study of _____?**
A. worms
B. insects
C. Animals
D. All of these
18. **How many bones in our body?**
A. 102
B. 306

- C. 206
D. 204
19. **Sound cannot travel through _____**
- A. Solid
 - B. Liquid
 - C. Gases
 - D. **Vaccum**
20. **The distance of mercury from sun is _____?**
- A. 56 million km
 - B. **57.9 million km**
 - C. 58.9 million km
 - D. 59.1 million
21. **The study Of GLANDS is called?**
- A. cardiology
 - B. None of these
 - C. **Endocrinology**
 - D. Entomology
22. **The repetition of property after a certain interval called _____?**
- A. Electron efinity
 - B. Atomic radius
 - C. **periodicity of property**
 - D. none of these
23. **Reflex actions in head region are under the control of _____?**
- A. **Brain**
 - B. Spinal cord
 - C. both a & b
 - D. non of the above
24. **Short-sight defect could be corrected by a _____ lens?**
- A. **concave lens**
 - B. convex lens
 - C. converging lens
25. **Deficiency of vitamin B1 is causes _____?**
- A. Rickets
 - B. Bone Infection
 - C. **Beriberi**
 - D. Myopia
26. **The inner most part of the earth is _____?**
- A. Crust
 - B. Mental
 - C. **Core**
 - D. None of these
27. **The ozone layer is at height of _____ kilometers from the surface of the Earth?**

- A. 10 to 20
B. 20 to 30
C. 30 to 40
D. 40 to 50
28. **A Little inhalation is done through _____?**
A. cigarettes
B. pipes and cigars
C. Both A and B offer little inhalation
D. both offer extreme inhalation
29. **The human brain uses _____ percent of the total oxygen and blood in the body?**
A. **20**
B. 12
C. 35
D. 48
30. **Which of the following planets have the longest day?**
A. Jupiter
B. Mercury
C. Earth
D. Venus
31. **which of the following planets is known as “morning star”?**
A. Mercury
B. VENUS
C. Mars
D. Saturn
32. **At what angle above the horizon must the sun be to create a rainbow?**
A. 90 degrees
B. 60 degrees
C. 40 degrees
D. 65 degrees
33. **The study of cancer is called _____?**
A. Zoology
B. Ecology
C. Genomic
D. Oncology
34. **Sunlight is a Great Source of _____?**
A. vitamin C
B. vitamin D
C. vitamin E
D. vitamin K
35. **What is the breathing rate of human being body?**
A. 15-11 minutes
B. 16-20 minutes
C. 25-26 minutes
D. 32-35 minutes

36. **How many teeth are there in human mouth?**
A. 30
B. 33
C. 32
D. 31
37. **Which among the following is the correct sequence of the various layers of the Atmosphere from the Earth's surface?**
A. Ionosphere, Mesosphere, Stratosphere, Troposphere
B. Mesosphere, Stratosphere, Ionosphere, Troposphere
C. **Troposphere, Stratosphere, Mesosphere, Ionosphere**
D. Troposphere, Ionosphere, Stratosphere, Mesosphere
38. **Which of the following cells are Colourless?**
A. Red blood cells
B. **White blood cells**
C. Monocytes
D. platelets
39. **The longest bone in human body is _____?**
A. Ulna
B. Tibia
C. **Femur**
D. Humerus
40. **The Shortest (smallest) bone in human body is _____?**
A. **Stapes**
B. Tibia
C. Femur
D. Humerus
41. **Sodium carbonate is produced by _____?**
A. haber process
B. **Amonia solvay process**
C. decons process
D. lead chamber process
42. **The scientific study of teeth is called _____?**
A. **Odontology**
B. Ornithology
C. Orthoepy
D. Pedagogy
43. **Blood which heart pumps to lungs is _____?**
A. **deoxygenated blood**
B. lymph fluid
C. atria blood
D. oxygenated blood
44. **Current stage of star 'Sun' is _____?**
A. white dwarf
B. red giant

- C. yellow dwarf
D. orange dwarf
45. **If the length of a heater coil is reduced by 10% of its original length, then Power consumed by heater will?**
A. Increase over 10%
B. Decrease by 10%
C. Decrease by 0.5%
D. Increase by 0.5%
46. **Sunlight is composed of _____ ?**
A. Three colours
B. six colours
C. seven colours
D. eight colours
47. **Which is least Conductor of Electricity among the following?**
A. **Wood**
B. Copper
C. Iron
D. Water
48. **What does TCM stand for in medical terms?**
A. Techno Circuit Module
B. Traditional Chinese medicine
C. Tetra Carbon Mono oxide
D. Tele Communication Management
49. **Which Gas is used in the preparation of Soft drinks?**
A. Oxygen
B. Carbon dioxide
C. Nitrogen
D. Halogen
50. _____ **is used for measuring velocity?**
A. **Speedometer**
B. Anemometer
C. Odometer
D. Hygrometer
51. **In the manufacture of banaspati ghee the gas used is _____ ?**
A. Helium
B. Hydrogen
C. Oxygen
D. Nitrogen
52. **The chemical name of Laughing gas is _____ ?**
A. Nitric oxide
B. Nitrogen dioxide
C. Nitrogen pentoxide
D. Nitrous oxide
53. **Wood is the main raw material for the manufacture of _____ ?**

- A. Paint
B. Gun powder
C. **Paper**
D. Ink
54. **The pancreas secretes _____?**
A. **Insulin**
B. Vitamin A
C. Bile juice
D. none of these
55. **The common refrigerant used in domestic Refrigerator is _____?**
A. Neon
B. Spirit
C. **Freon/Ammonia**
D. Methane
56. **A glass chimney stops an oil lamp from smoking because:**
A. It increases the supply of oxygen to the flame by convection
B. The heat produced ensures complete
C. **Both to these**
D. Neither of these
57. **Most drugs are excreted through _____?**
A. **Kidney**
B. Skin
C. Gallbladder
D. Lungs
58. **Insulin drug was discovered by _____?**
A. Charles Herbert Best
B. Prof John James Rickard Macleod
C. **Sir Frederick Grant Banting**
D. Leonard Thompson
59. **When our sun reaches the end of its red giant phase, it will turn into a _____?**
A. Supernova
B. **White Dwarf**
C. Black Hole
D. Neutron Star
60. **What sub-class of neutron star is known for its extremely high magnetic field?**
A. **Magnetar**
B. Quasar
C. Magneto
D. Magnetta
61. **A pulsar is a rapidly spinning neutron star which emits:**
A. A blinding light when it aligns with the planets
B. **Radio waves detectable from Earth**
C. A gravitational pull which attracts high energy dust particles
D. Enough energy to power itself indefinitely
62. **In a typical H-R diagram, stars are graphed by these two characteristics:**

- A. Temperature and luminosity
B. Luminosity and distance
C. Distance and temperature
D. Size and distance
63. You have discovered a new celestial body. It has a thick atmosphere and it produces powerful cosmic winds and, when observed, the clouds obscure the body. You have determined it is this type of star.
- A. Wolf-Rayet star
B. Red supergiant
C. Stellar storm
D. Pulsar
64. When a star becomes a singularity and has zero volume and infinite density, it is called _____?
- A. White dwarf
B. Blue giant
C. Wolf-Raynet star
D. Black hole
65. PSR J0108-1431 is the closest known _____ to Earth?
- A. Black hole
B. Red giant
C. Quasar
D. Pulsar
66. Particle clouds from where stars are formed are known as _____?
- A. Stellar nurseries
B. Star clouds
C. Event horizons
D. Singularities
67. This in-between phase of stellar nurseries and star formation in stellar evolution is when the gathered dust is still condensing to form a star.
- A. Alpha Stage
B. Stellar Genesis
C. Protostar
D. Star of Adam
68. Antares is of the largest known _____?
- A. Quasars Star
B. Pulsars Star
C. White Dwarfs Star
D. Red Super-giants Star
69. The sun is made up of 99.9% of _____ and _____?
- A. Oxygen and Hydrogen
B. Hydrogen and Sulfur
C. Carbon and Silicon
D. Hydrogen and Helium
70. The Big Dipper is part of which constellation?

- A. Ursa Major
B. Ursa Minor
C. The Great Bear
D. A. and C. above
71. **What are the names of the two stars in the Big Dipper used to locate Polaris?**
A. The North Seekers
B. **The Pointer Stars**
C. The Pointer Sisters
D. None of these
72. **What causes the Moon's phases?**
A. **The Sun lights up only one half of the Moon and as the Moon orbits the Earth we can sometimes see the unlit side of the Moon.**
B. The Sun lights up only one half of the Moon and as the Sun orbits the Earth we can sometimes see the unlit side of the Moon.
C. The Earth's shadow falls on the Moon, blocking the sunlight.
D. The Moon's shadow falls on the Earth, blocking the sunlight.
73. **The large dark patches on the Moon's surface are known as _____?**
A. Dark matter
B. **Maria, or seas, even though there is no water on the Moon**
C. Maria, or seas, because they are filled with water
D. Moon spots
74. **Which one is the brightest star in the night sky?**
A. Betelgeuse
B. **Sirius**
C. Rigel
D. Polaris
75. **Oranges are rich source of _____?**
A. Carbohydrates
B. Fats
C. Proteins
D. **Vitamins**
76. **The SI standard of time is based on _____?**
A. the daily rotation of the earth
B. the frequency of light emitted by Kr86
C. the yearly revolution of the earth about the sun
D. a precision pendulum clock
E. **none of these**
77. **During a total solar eclipse the rate of Photosynthesis _____?**
A. Increase
B. **Decrease**
C. Remain Constant
D. None of them
78. **Water is a universal solvent for what reactions?**
A. Chemical
B. **Biochemical**

- C. Physical
D. Nuclear
79. Which of the following is closest to a yard in length?
A. 0.01m
B. 0.1m
C. 1m
D. 10m
E. 100m
80. The SI base unit for mass is _____?
A. Gram
B. Pound
C. Kilogram
D. Ounce
81. The average speed of a moving object during a given interval of time is always:
A. the magnitude of its average velocity over the interval
B. the distance covered during the time interval divided by the time interval
C. one-half its speed at the end of the interval
D. its acceleration multiplied by the time interval
E. one-half its acceleration multiplied by the time interval
82. All of the following statements are incorrect except:
A. Precision and accuracy should go side by side in a scientific work
B. Scientific work must be precise, accuracy is not essential
C. Scientific work must be accurate, precision is not essential
D. Calculations must be made before any experiment
83. An atom is _____?
A. smallest indivisible particle in an element
B. smallest particle of an element which can undergo a chemical reaction
C. building block of an element
D. always smaller than molecule
84. Which of the following is a substance?
A. Sea water
B. Brass
C. Tap water
D. Graphite
E. Sand
85. Some substances are good conductor of electricity in both the solid and liquid states. These substances are generally _____?
A. ionic substances
B. metallic substances
C. molecular solids
D. covalent network solids
86. All of the following substances are crystalline except _____?
A. Ice
B. Diamond

- C. Sucrose
D. Plastic
87. **Honey contain glucose and fructose along with some other ingredients, it has greater viscosity due to _____?**
- A. hydrogen bonding
 - B. irregular shape of the molecules
 - C. irregular shape of the molecules and strong inter-molecular forces**
 - D. greater molecular size
88. **Rate of evaporation of petrol is greater than that of water at room temperature because:**
- A. **petrol molecules do not have any hydrogen bond**
 - B. petrol is an organic compound
 - C. water molecules have small size
 - D. petrol molecules have greater size
89. **The increasing vapor pressure caused by heating a liquid is due to _____?**
- A. increase inter-molecular interactions
 - B. increasing potential energy of molecules
 - C. increasing kinetic energy of molecules**
 - D. decreasing surface tension
90. **Covalent network crystals have _____?**
- A. higher melting point then molecular crystals**
 - B. lower melting point then molecular crystals
 - C. discrete molecules linked by Van der waals forces
 - D. hydrogen bonding
91. **color of the glow produced in the discharge tube:**
- A. depends on the pressure in the discharge tube
 - B. depends on the metal used as cathode
 - C. depends on the gas used in the discharge tube**
 - D. does not depend on the nature of the gas used in the discharge tube
92. **Nuclear radiation is emitted by those elements whose:**
- A. molecules are stable
 - B. molecules are unstable
 - C. nuclei are stable
 - D. nuclei are unstable**
93. **Second ionization energy:**
- A. is always less than first ionization energy
 - B. is always greater than first ionization energy**
 - C. is equal to the first ionization energy
 - D. may be greater or less than the first ionization energy depending on the nature of the element
94. **All of the following are electromagnetic radiations except _____?**
- A. Red light
 - B. Sound waves**
 - C. X-Rays
 - D. Photon

95. Which of the following has the highest energy?
- A. gamma rays
 - B. X-rays
 - C. Ultra-violet radiation
 - D. radio waves
96. Which of the following has the largest wavelength?
- A. visible light
 - B. x-rays
 - C. infrared light
 - D. ultraviolet radiation
97. Select the arrangement of electromagnetic radiation which starts with the lowest energy and increases to greatest energy?
- A. radio, visible, infrared, ultraviolet, x-ray, gamma ray
 - B. radio, infrared, visible, x-ray, gamma ray, ultraviolet
 - C. visible, radio, infrared, ultraviolet, x-ray, gamma ray
 - D. radio, infrared, visible, ultraviolet, x-ray, gamma ray
98. "Each electron in an atom must have its own unique set of quantum numbers" is a statement of _____?
- A. Aufbau principle
 - B. Pauli exclusion principle
 - C. Hund's rule
 - D. Periodic law
99. One of the following ways of expressing the concentration of a solution does not depend on temperature. It is _____?
- A. Molarity
 - B. Molality
 - C. Normality
 - D. Formality
100. A substance which increases the efficiency of a catalyst is termed as:
- A. Promoter
 - B. Activator
 - C. Retarder
 - D. Super catalyst