

General Science Ability MCQs 2024

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1- On 11 February 2016 The LIGO Scientific Collaboration announced the detection of _____

A- electromagnetic waves

B- seismic waves

C- gravitational waves

D- radio waves

2- The SI unit of charge is _____.

A- Ampere

B- Coulomb

C- Ohm

D- Volt

3- Very High Frequency (VHF) have _____ wavelengths.

A- shorter

B- shortest

C- longer

D- longest

4- Long-sight defect could be corrected by using _____ lens.

A- concave

B- convex

C- diverging

D- none of these



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5- Deficiency of Vitamin-A results in _____.

A- night blindness

B- rickets

C- scurvy

D- hair fall

6- For a fixed mass of gas at constant temperature, if we decrease volume, the pressure will _____.

A- also decrease

B- increase

C- remains constant

D- none of these

7- The lifespan of Red Blood Cells is _____ days.

A- 60

B- 120

C- 180

D- 240

8- The density of water is _____.

A- 1 g/cm³

B- 1.5 g/cm³

C- 2 g/cm³

D- none of these

9- Radioactivity was discovered by _____.

A- Kelvin

B- Thomson

C- Rutherford



D- Becquerel

10- A device which converts chemical energy into electrical energy is called _____.

A- motor

B- generator

C- moving-coil meter

D- battery

11- The Sun is a _____.

A- Star

B- Planet

C- Asteroid

D- Meteor

12- The average adult has a blood volume of about _____ litres.

A- 4

B- 5

C- 6

D- 7

13- The most abundant element in the universe is _____.

A- Oxygen

B- Hydrogen

C- Carbon Dioxide

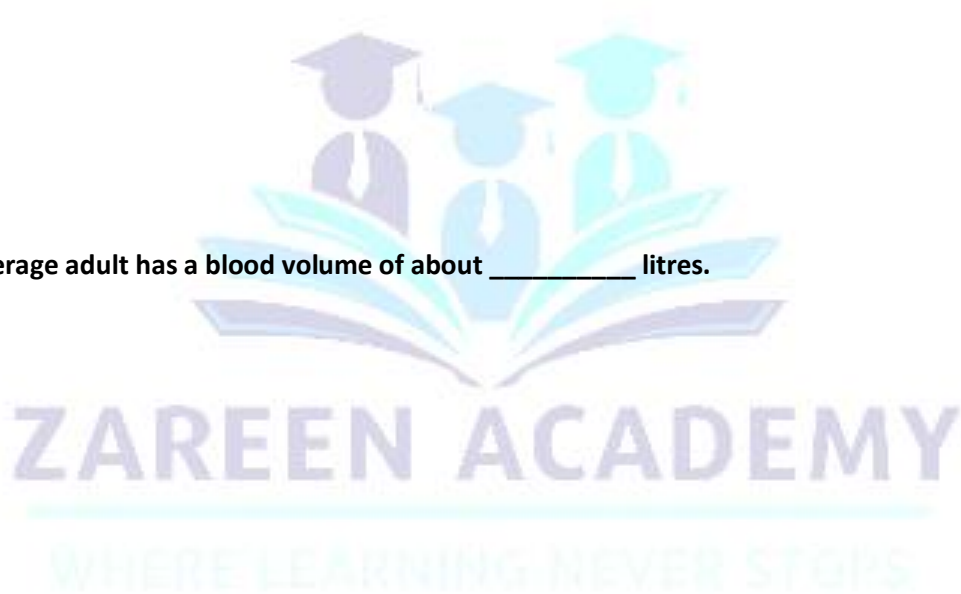
D- Silicon

14- The most abundant element in the Earth's crust is _____.

A- Oxygen

B- Hydrogen

C- Carbon Dioxide



D- Silicon

15- Each day human body breathe in _____ liters of air.

A- 5,000 to 10,000

B- 10,000 to 15,000

C- 15,000 to 20,000

D- 20,000 to 25,000

16- Deficiency of Vitamin-D results in _____.

A- night blindness

B- rickets

C- scurvy

D- hair fall

17- The SI unit of "pressure" is _____.

A- pascal

B- joule

C- tesla

D- henry



18- The most densest substance on the Earth is _____.

A- Platinum

B- Copper

C- Steel

D- Osmium

19- A camera uses a _____ to form an image.

A- convex lens

B- concave lens

C- condenser lens

D- none of these

20- Which of the following is NOT a conductor?

A- Aluminium

B- Silicon

C- Graphite

D- All are conductors

21- CNG stands for?

A- Converted Natural Gas

B- Conduced Natural Gas

C- Conducted Natural Gas

D- Compressed Natural Gas

22= Which of the following is true for "Sound"?

A- Sound cannot travel through a vacuum

B- Sound cannot travel through gases

C- Sound cannot travel through liquids

D- Sound cannot travel through solids

23- When white light is passed through a prism, it splits into _____ colours.

A- 5

B- 6

C- 7

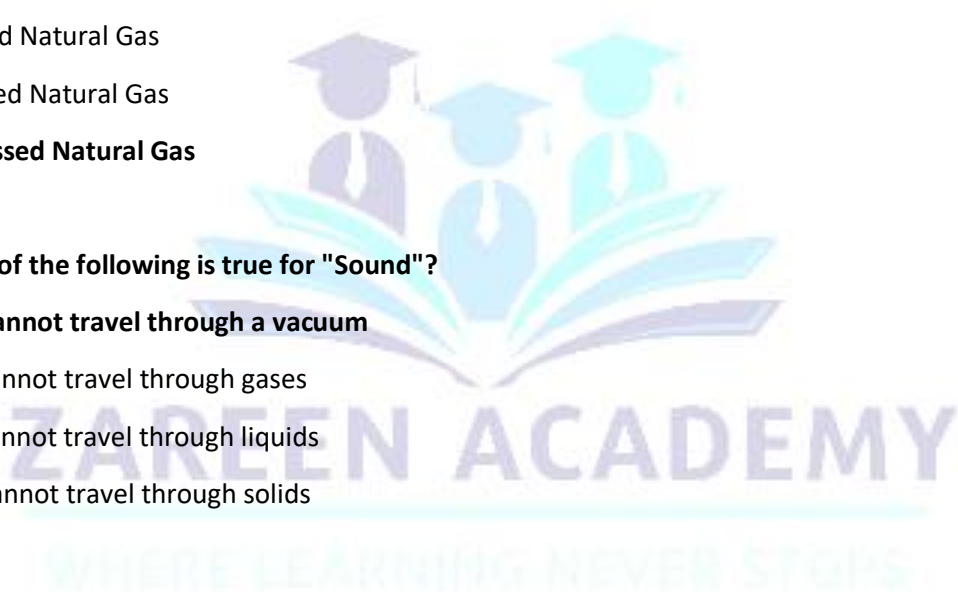
D- 8

24- 1 nanometer = ?

A- 10^{-3} meter

B- 10^{-6} meter

C- 10^{-9} meter



D- 10-12 meter

25- Instrument used for measuring very high temperature is _____.

A- Pyroscope

B- Pyrometer

C- Seismograph

D- Xylometer

26- Sound waves are _____ waves.

A- Transverse

B- Electromagnetic

C- Longitudinal

D- none of these

27- The lifespan of White Blood Cells is _____ day(s).

A- 1

B- 2

C- 3

D- 4



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28- The fluid part of blood is known as _____.

A- plasma

B- platelets

C- blood cells

29- X-rays were discovered by _____.

A- Rontgen

B- Thomas

C- Rutherford

D- Becquerel

30- The speed of light is _____.

A- 280,000 km/s

B- 300,000 km/s

C- 320,000 km/s

D- none of these

31- During winter in cold countries, the _____ is mixed to melt the ice on the icy A- roads.

B- Salt

C- Chlorine

D- Carbon dioxide

E- Water

32- In a very low temperature which from the following will freeze at last?

A- River water

B- Canal water

C- Sea water

D- Water in a lake

33- The nearest planet to the Earth is _____.

A- Venus

B- Mercury

C- Mars

D- Moon

34- The planet that moves around the Sun at the highest speed is?

A- Jupiter

B- Venus

C- Mars

D- Mercury



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35- In general, Comets have _____ orbits.

A- Elliptical

B- Highly elliptical

C- Circular

D- Parabolic

36- GPS is an abbreviation for?

A- Global Poles System

B- Global PolySiliconium Store

C- Global Positioning System

D- Global Position Structure

37- Oxidation is a chemical reaction involving the _____.

A- Gain of Electrons

B- Loss of Electrons

C- Gain of Protons

D- Loss of Protons

38- At night, Plants intake _____ and release _____.

A- Oxygen – Carbon dioxide

B- Carbon dioxide – Oxygen

C- Oxygen – Carbon monoxide

D- Carbon monoxide – Oxygen

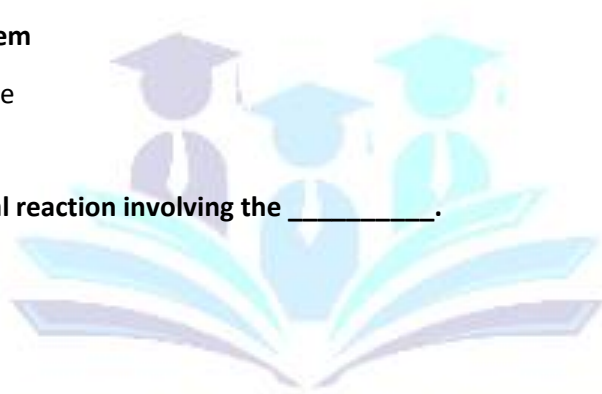
39- Urine is produced in _____.

A- Kidneys

B- Lungs

C- Large intestine

D- Liver



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40- Blood is cleaned by _____.

A- Lungs

B- Liver

C- Heart

D- Kidneys

41- The position of an element in the Periodic Table is determined by its _____ number.

A- Electron

B- Proton

C- Neutron

D- Positron

42- The salinity of seawater is determined by the amount of common salt (Sodium Chloride) in _____ of sea water.

A- 1 gram

B- 10 grams

C- 1 kg

D- 10 kg

43- The planet which is easily visible from the Earth is?

A- Mercury

B- Venus

C- Mars

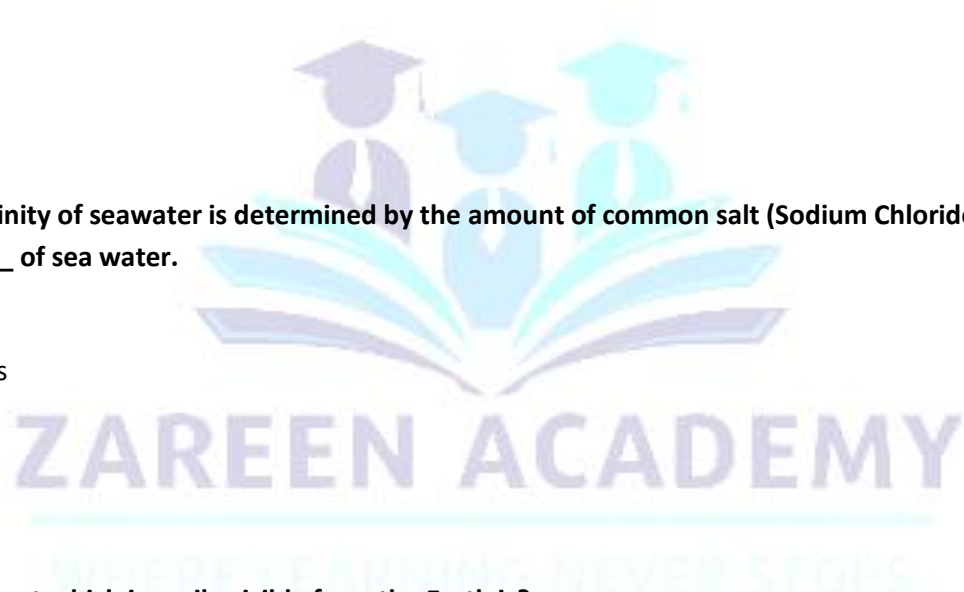
D- Jupiter

44- The Great Spot is on the planet _____.

A- Saturn

B- Venus

C- Mars



D- Jupiter

45- The Great Spot is a _____.

A- Mountain

B- Desert

C- Frozen Carbon dioxide

D- Storm

46- The bodyguard of the Earth is _____ that save the Earth from many Comets and Asteroids.

A- Mars

B- Saturn

C- Uranus

D- Jupiter

47- 1 light year = ?

A- 9.5×10^6 km

B- 9.5×10^9 km

C- 9.5×10^{12} km

D- 9.5×10^{18} km



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48- The planets visible to us without using a telescope are _____.

A- 3

B- 4

C- 5

D- 6

49- According to Big Bang Theory, the Universe began about _____ billion years ago.

A- 10 – 20

B- 20 – 30

C- 30 – 40

D- 40 – 50

50- Biosensor is used to measure?

A- Blood glucose level

B- The body pH value

C- Amount of haemoglobin

D- Salinity in Urine

51- Einstein's famous equation which states that mass and energy are interchangeable is?

A- $E = mc^2$

B- $E = cm^2$

C- $M = ec^2$

D- $M = ce^2$

52- The SI unit of electric current is?

A- Columb

B- Ampere

C- Volt

D- Watt

53- The principal constituent of the atmosphere of the Earth is?

A- Oxygen

B- Carbon

C- Hydrogen

D- Nitrogen

54- What is Dry Ice?

A- Solid Oxygen

B- Solid Carbon Dioxide

C- Solid Hydrogen



D- Solid Nitrogen

55- What are the primary colours?

A- White, Black, Blue

B- Red, Yellow, Blue

C- Red, Orange, Blue

D- Red, Green, Blue

56- Digestion of food is completed in the _____.

A- small intestine

B- large intestine

C- stomach

D- Liver

57- Carrot is the good source of Vitamin?

A- A

B- B complex

C- C

D- D

58- For proper formation of teeth, _____ is essential.

A- iodine

B- copper

C- fluorine

D- iron

59- Deficiency of _____ causes loss of appetite and poor growth.

A- zinc

B- iodine

C- copper



D- iron

60- Meteorology is the study of?

A- seasons

B- atmosphere

C- air and sounds

D- winds and clouds

61- The Carbon Dioxide in the atmosphere, by volume, is

A- 0.039%

B- 3.9%

C- D- 13%

30%

62- Diamond is an allotropic form of

A- Carbon

B- Hydrogen

C- Nitrogen

D- Silicon



63- The SI unit of Heat is

A- Watt

B- Volt

C- Joule

D- Newton

64- The good sources of Vitamin-A are

A- green leafy vegetables

B- seeds

C- fresh vegetables and fruits

D- sea foods

65- The good sources of Vitamin-B Complex are

A- green leafy vegetables

B- seeds

C- fresh vegetables and fruits

D- sea foods

66- The good sources of Vitamin-C are

A- green leafy vegetables

B- seeds

C- fresh vegetables and fruits

D- sea foods

67- The good sources of iodine are

A- green leafy vegetables

B- seeds

C- fresh vegetables and fruits

D- sea foods

68- The gas, commonly known as “laughing gas”, is

A- Carbon Dioxide

B- Sulfur Dioxide

C- Nitrous Oxide

D- Sodium Oxide

69- The source of oxygen in photosynthesis is

A- water

B- salts

C- minerals



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D- glucose

70- The instrument used to measure wind speed is

A- Anemometer

B- Barometer

C- Hydrometer

D- Hygrometer

71- The natural fats and oils are composed of

A- Carbon, Hydrogen and Oxygen

B- Carbon, Hydrogen and Nitrogen

C- Carbon, Oxygen and Nitrogen

D- Hydrogen, Oxygen and Nitrogen

72- The energy value of food is measured in

A- Joule

B- Calories

C- Tesla

D- Proteins

73- Wind energy is the _____ energy.

A- Potential

B- Transverse

C- Kinetic

D- Mechanical

74- Who is considered the founder of meteorology?

A- Aristotle

B- Plato

C- Einstein



D- Newton

75- Water covers _____ of the Earth's surface.

A- 60%

B- 65%

C- 70%

D- 75%

76- In general, wind speed of 105–137 caused

A- minor or no damage

B- considerable damage

C- severe damage

D- extreme damage

77- Acid rain is mainly caused by emissions of _____ in the atmosphere.

A- Sulphur Dioxide and Potassium Nitrate

B- Sulphur and Charcoal

C- Nitrogen Oxide and Potassium Nitrate

D- Sulphur Dioxide and Nitrogen Oxide

78- About 50% of the Earth's crust, including the waters on the Earth and atmosphere, is

A- Oxygen

B- Carbon Dioxide

C- Silicon

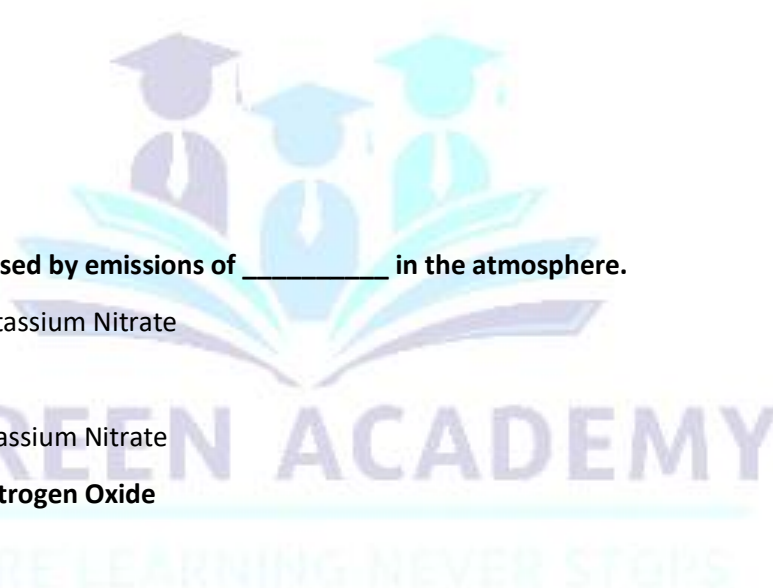
D- Clay

79- The fourth state of matter is

A- Water

B- Salts

C- Vapours



D- Plasma

80- The device used to convert Alternate Current into Direct Current is called

A- Anemometer

B- Battery

C- Galvanometer

D- Rectifier

81- In night, when photosynthesis is stopped, plants

A- take in Carbon Dioxide

B- take in Oxygen

C- give off Carbon Dioxide

D- Give off Oxygen

82- During photosynthesis, plants

A- take in Carbon Dioxide

B- take in Oxygen

C- give off Carbon Dioxide

D- give off Oxygen

83- _____ are called the powerhouses of the cell.

A- Mitochondria

B- Vesicles

C- Lungs

D- Liver

84- Mitochondria contain their own supply of

A- DNA

B- Amino acids

C- Vitamins



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D- Oxygen

85- The first chemical explosive, Gunpowder, is a mixture of

A- Sulphur, Charcoal and Nitrogen Oxide

B- Sulphur, Charcoal, and Potassium Nitrate

C- Sulphur and Charcoal

D- Charcoal and Potassium Nitrate

86- The number of oscillations per second is called the

A- hertz

B- waves

C- pitch

D- frequency

87- Sound waves from a loudspeaker are caused by

A- frequency

B- vibrations

C- pitch

D- amplitude

88- The guitar has _____ strings.

A- 4

B- 5

C- 6

D- 7

89- The device used to measure movements of the heart is

A- Cardiograph

B- Seismograph

C- Hydrometer



D- Hygrometer

90- The unit used to measure 'Pressure' is

A- pascal

B- newton

C- watt

D- tesla

91- There are _____ methods of heat transfer.

A- 3

B- 4

C- 5

D- 6

92- Which of the following is NOT a method of heat transfer?

A- Conduction

B- Convection

C- Radiation

D- All are methods of heat transfer

93- If we heat one end of a metallic rod, the other end gets hot. The method of heat transfer is

A- Conduction

B- Convection

C- Radiation

D- None of these

94- A person seated in front of a fire receives heat by

A- Conduction

B- Convection

C- Radiation



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D- None of these

95- The unit used to measure 'magnetic flux' is

A- pascal

B- farad

C- weber

D- henry

96- Battery was invented by

A- Volta

B- Hero

C- Fermi

D- Maiman

97- The most abundant element in the earth's crust is oxygen. The second most abundant element in the earth's crust is

A- Hydrogen

B- Nitrogen

C- Brass

D- Silicon

98- The nearest planet to the Sun is

A- Mercury

B- Venus

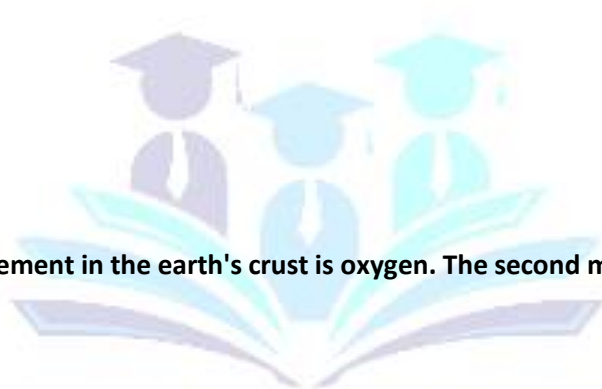
C- Mars

D- Jupiter

99- Bronze is an alloy of

A- Iron, Carbon

B- Copper, Tin



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C- Nickel, Zinc

D- Mercury, Lead

100- Molecules with identical molecular formulae but with different structural formulae are called

A- Isotopes

B- Isomers

C- Electrode

D- Compound

