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Railways (Group-D & ALP) Science Questions with solution

RRB Science MCQs Quiz 1

Directions: Study the following questions carefully and choose the right answer:

1. Which planet is nearest to the sun?

- A. Earth B. Jupiter C. Mercury D. Mars

2. ECG is done to diagnose an ailment connected with?

- A. Kidney B. Heart C. Brain D. Blood

3. Which of the following is the purest form of Carbon?

- A. Charcoal B. Granite C. Diamond D. Graphite

4. Which instrument is used to record Atmospheric pressure?

- A. Thermometer B. Barometer C. Seismometer D. Oscilloscope

5. Quinine is obtained from which of the following Plant?

- A. Cinchona B. Cocoa C. Mulberry D. Eucalyptus

6. Which instrument is used to record the speed of a vehicle?

- A. Thermometer B. Barometer C. Speedometer D. Oscilloscope

7. Humerus bone is situated in?

- A. Thigh B. Upper arm C. Knee D. Fore arm

8. The smallest particle of an element is called?

- A. Ion B. Electron C. Atom D. Molecule

9. When you eat Carrot, you are eating:

- A. Root B. Leaf C. Stem D. Fruit

10. Which part of the tea plant is used for making tea?

A. root

B. flower

C. Leaves

D. Stem

11. Rusting is the process of:

A. Oxidation

B. Reduction

C. Decomposition

D. Displacement



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Correct Answers:

1	2	3	4	5	6	7	8	9	10	11
C	B	C	B	A	A	A	C	A	C	A

Explanations:**1.**

At an average distance of only 57.9 million km, Mercury orbits closer to the Sun than any other planet.

Mercury takes only 88 days to complete an orbit around the Sun.

Hence, option C is correct.

2.

ECG stands for electrocardiogram and it is commonly used to detect abnormal heart rhythms and to investigate the cause of chest pains.

An electrocardiogram is a test that records the electrical activity of your heart through small electrode patches attached to the skin of your chest, arms, and legs.

Hence, option B is correct.

3.

Because the carbon atoms in diamond are more tightly bound than in graphite (as diamond is the hardest material known), it is more difficult for impurities to get into the diamond lattice and as a result diamonds are often more pure than graphite.

A 100% pure diamond would be totally transparent. When they have impurities they are often colored.

Hence, option C is correct.

4.

A barometer is a scientific instrument used in meteorology to measure atmospheric pressure.

A barometer using mercury is common. This is often recorded as mm Hg.

Hence, option B is correct.

5.

Quinine is a medication used to treat malaria due to *Plasmodium falciparum*.

Cinchona bark is best known as the source of the anti-malarial drug quinine.



Cinchona is the national tree of both Peru and Ecuador.

Hence, option A is correct.

6.

Quinine is a medication used to treat malaria due to *Plasmodium falciparum*.

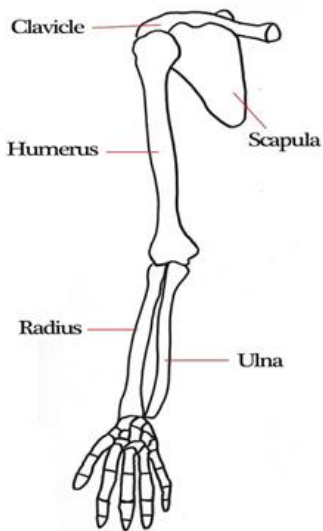
Cinchona bark is best known as the source of the anti-malarial drug quinine.



Cinchona is the national tree of both Peru and Ecuador.

Hence, option A is correct.

7.



The humerus is a long bone in the arm or forelimb that runs from the shoulder to the elbow. It connects the scapula and the two bones of the lower arm, the radius and ulna

Hence, option A is correct.

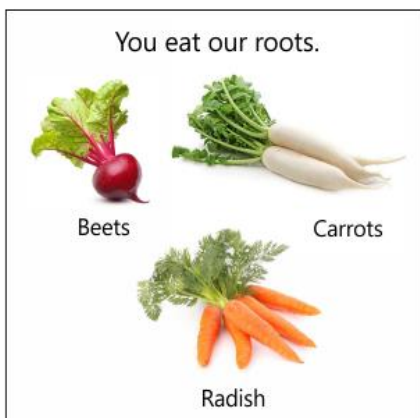
8.

An element is a substance completely made up of one atom.

However, the atom itself is not the smallest known particle, but instead each atom is made up of three individual parts: electrons, protons and neutrons. Furthermore, protons and neutrons themselves are made up of even smaller parts called quarks.

Hence, option C is correct.

9.



When we eat carrot, we are eating root part of a plant.

Hence, option A is correct.

10.

The tea plant is an evergreen of the *Camellia* family that is local to China, Tibet, and northern India.

Tea is an aromatic beverage commonly prepared by pouring hot or boiling water over cured leaves of the *Camellia sinensis*.

Hence, option C is correct.

11.

Rust is the process of iron (molecules) oxidizing into iron oxide, or rust.

General formula of rust is $\text{Fe}_2\text{O}_3 \cdot n\text{H}_2\text{O}$

Hence, option A is correct.



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