

General Science Question paper - Chemistry

1. **The..... acid is present in lemon**

- A.Tartaric acid
- B.Citric Acid
- C.Latic Acid
- D.Marlic acid
- E.None of these

Answer & Explanation

Answer – **B.Citric Acid**

Explanation :

Lemon contains 5% to 6% citric acid which gives a sour taste.
Lemon – Citros(Sciecntific name)

2. **Which of the following metal is present in hemoglobin ?**

- A.Calcium
- B.Magnesium
- C.Iron
- D.Vitamin – C
- E.None of these

Answer & Explanation

Answer – **C.Iron**

Explanation :

In haemoglobin the proteins α and β subunits are in red and blue and the iron-containing heme groups in green.It is involved in the transport of other gases.

3. **Chemical name of Vitamin A is**

- A.Niacin
- B.Riboflavin
- C.Biotin
- D.Retinol
- E.None of these

Answer & Explanation

Answer – **D. Retinol**

Explanation :

Vitamin A – Retinol is the chemical name of Vitamin A

Deficiency Disease – Night blindness, Keratomalacia

4. Grapes contain which of the following acid ?

- A. Amino acid
- B. Citric Acid
- C. Tartaric acid
- D. Mallic acid
- E. None of these

Answer & Explanation

Answer – **C. Tartaric acid**

Explanation :

Tartaric acid is also present in bananas, and tamarinds.

Vitis vinifera – Scientific name of grapes

5. Human bone contain which of the following ?

- A. Pottasium
- B. Oxygen
- C. Carbon – di-oxide
- D. Carbon
- E. None of these

Answer & Explanation

Answer – **D. Carbon**

Explanation :

Human bone contains calcium, carbon, phosphorous.

6. is a form of chemical bonding that is characterised by the sharing of electrons between 2 atoms

- A. Coordinate Bond
- B. Covalent Bond

- C.Chemical Bond
- D.Ionic Bond
- E.None of these

Answer & Explanation

Answer – **B.Covalent Bond**

Explanation :

Bond may be single /double /triple depend upon the number of sharing electrons

7. pH value of rain water is

- A.6.5-7.5
- B.7.5
- C.6.0
- D.4.8 – 8.4
- E.None of these

Answer & Explanation

Answer – **C.6.0**

Explanation :

pH value is a measure of acidity or basicity of a solution

8. The process of conversion of a liquid into vapours at any temperature below its boiling point is called

.....

- A.Melting
- B.Condensation
- C.Sublimation
- D.Evaporation
- E.None of these

Answer & Explanation

Answer – **D.Evaporation**

Explanation :

Evaporation is a fundamental part of the water cycle and is

constantly occurring throughout nature.

Ex: Water –Boiling – gas

9. **All atoms of the same element have the same number of.....**

- A.Protons
- B.Neutrons
- C.Electrons
- D.Protons and Neutrons
- E.None of these

Answer & Explanation

Answer – **A.Protons**

Explanation :

All atoms of the same element have the same number of protons. This number is used to arrange the elements in the periodic table, beginning with hydrogen

10. **Malic acid is present in which of the following fruit ?**

- A.Apple
- B.Lemon
- C.Orange
- D.Goya
- E.None of these

Answer & Explanation

Answer – **A.Apple**

Explanation :

Apple production – China, US and Italy

Malus domestica – Apple scientific name