

## 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  $\alpha$  and  $\beta$  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. **Mallic 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