



**hitbullseye**

**General Knowledge**

---

**Chemistry**  
(Practice Assignment 01)

**Every Year 1 Crore Students Trust Us for Test Prep**

 <https://www.hitbullseye.com>

 **+91 7087004446**



## Chemistry Practice Assignment 01

**DIRECTION for questions 1 -40:** Mark the best option:

- Which of the following is not a bleaching agent?
  - Sodium hypochlorite
  - Calcium hypochlorite
  - Hydrogen peroxide
  - Calcium carbonate
- Neutron was discovered by \_\_\_\_\_.
  - Rutherford
  - Bohr
  - Chadwick
  - Thomson
- The only gemstone to be composed of one single element is \_\_\_\_\_.
  - Diamond
  - Topaz
  - Emerald
  - Jade
- What are the 4 key elements:
  - Iron, Sulphur, Silicon and Potassium
  - Helium, Lithium, Beryllium and Boron
  - Plutonium, Uranium, Promethium and Neon
  - Carbon, Hydrogen, Oxygen and Nitrogen



5. What did Dmitri Mendeleev formulate?
- A) Chaos Theory
  - B) The Periodic Table of chemical elements
  - C) The Alpha Effect
  - D) The Golden Mean
6.  $H_2SO_4$  Stands for:
- A) Sulfuric dioxide
  - B) Sulfuric Acid
  - C) Mercuric Oxide
  - D) Sodium Nitrate
7. If the pH of a solution is greater than 7, the property of the solution is:
- A) Suspension
  - B) Acidic
  - C) Neutral
  - D) Basic
8. Name the chemical used to make tooth pastes white?
- A) Hydrochloric acid
  - B) Calcium carbonate
  - C) Titanium dioxide
  - D) Calcium chloride
9. What is the solvent of gold?
- A) HCL
  - B) NaOH
  - C) Aquaregia
  - D) Cannot be dissolved



10. What is the name given to plastics that cannot be recycled?
- A) Thermophyllic plastics
  - B) Thermolabile plastics
  - C) Thermosetting plastics
  - D) All can be recycle
11. Anaerobic respiration by cells causes partial breakdown of glucose which produces
- A) Citric Acid
  - B) Tartaric Acid
  - C) Ascorbic Acid
  - D) Lactic Acid
12. Which of the following elements extensively exhibits Catenation?
- A) Carbon
  - B) Oxygen
  - C) Hydrogen
  - D) Helium
13. When there is a decrease in the concentration of oxygen in the blood, the breathing rate
- A) Increases
  - B) Decreases
  - C) First increases and then decreases
  - D) Is not affected



14. Which among the following hormones helps in ripening the fruits?
- A) Melatonin                      B) Ethylene  
C) Dopamine                      D) Florigene
15. Of the following foods, which one is the best source of protein?
- A) Butter                              B) Fish  
C) Lettuce                            D) Milk
16. One molecule of water has two hydrogen atoms which are
- A) Covalently bonded to a half oxygen atom  
B) Covalently bonded to a double oxygen atom  
C) Covalently bonded to a triple oxygen atom  
D) Covalently bonded to a single oxygen atom
17. Which of the following elements has the highest chemical reactivity?
- A) Argon    B) Helium    C) Neon    D) Carbon



18. Name the gas used in the chips packet to prevent them from oxidizing?  
A) Nitrogen B) Argon C) Helium D) Fluorine
19. Which among the following is a byproduct of photosynthesis?  
A) Carbon monoxide B) Carbon dioxide  
C) Hydrogen D) Oxygen
20. The solid form of which of the following gasses is called Dry Ice  
A) Methane B) Carbon Dioxide  
C) Carbon monoxide D) Nitrogen
21. What is the chemical name of Limestone?  
A) Calcium carbonate B) Sodium carbonate  
C) Calcium oxide D) Sodium bicarbonate
22. The Rh factor refers to  
A) A protein substance found in the blood of some people  
B) A hormone carried by the blood  
C) The ratio of red corpuscles to white corpuscles in the blood  
D) A process that speeds up the clotting of blood



23. Which chemical is called Chile Saltpeter?  
A) Sodium Nitrate      B) Potassium Nitrite  
C) Nitrous dioxide      D) Sodium chloride
24. What is marsh gas?  
A) Sulphur dioxide      B) Nitrous oxide  
C) Methane      D) Carbon dioxide
25. What is the chemical name of Chinese salt?  
A) Sodium Chloride      B) Potassium iodide  
C) Sodium Nitrate      D) Monosodium glutamate
26. Which one of the following is most elastic?  
A) Rubber   B) Sponge   C) Glass   D) Steel
27. A transition from the solid to gas phase with no intermediate liquid stage is called?  
A) Evaporation      B) Sublimation  
C) Diffusion      D) Osmosis
28. Aluminium silicate is main chemical constituent of  
A) Bakelite      B) Latex  
C) Clay      D) All of the above



29. Which of the following is an example of fossil fuel ?
- A) Coal gas                      B) Coke  
C) Natural gas                  D) Producer gas
30. The heaviest metal in the world is
- A) Tungsten                      B) Osmium  
C) Gold                          D) Platinum
31. An allotropic form of carbon used for cutting and drilling is
- A) Charcoal                      B) Bone charcoal  
C) Graphite                      D) Diamond
32. Permanent hardness of water can be removed by adding
- A) chlorine  
B) washing soda  
C) potassium permanganate  
D) bleaching powder
33. The easily noticed smell of the LPG gas is because of which among the following?
- A) Butane    B) Propane    C) Methane    D) Ethanethiol





34. At what temperature does water have the highest density?  
A)  $-1^{\circ}\text{C}$       B)  $0^{\circ}\text{C}$       C)  $4^{\circ}\text{C}$       D)  $100^{\circ}\text{C}$
35. The cotton wick dipped in honey when ignited with a matchstick will:  
A) Does not burn at all  
B) burned crackling sound  
C) burn with too much smoke  
D) burn consistently
36. Which of the following sets of elements was primarily responsible for the origin of life on the earth?  
A) Hydrogen, Oxygen, Sodium  
B) Carbon, Hydrogen, Nitrogen  
C) Oxygen, Calcium, Phosphorus  
D) Carbon, Hydrogen, potassium
37. Which among the following is not an example of emulsion?  
A) Chocolate –Milk      B) Butter  
C) Whipped Cream      D) Curd



## hitbullseye

38. Which fibre is also called as artificial silk?
- A) Nylon                              B) Rayon  
C) Polyester                          D) Acrylic
39. Acid rain is caused by the pollution of environment by
- A) Carbon dioxide and nitrogen  
B) Carbon monoxide and carbon dioxide  
C) Ozone and carbon dioxide  
D) Nitrous oxide and sulphur dioxide
40. The most reactive non metal is
- A) Bromine                              B) Fluorine  
C) Mercury                              D) Lithium



## Answer Key

Q. No.	Key	Q. No.	Key
1.	D	21.	A
2.	C	22.	A
3.	A	23.	A
4.	D	24.	C
5.	B	25.	D
6.	B	26.	A
7.	D	27.	B
8.	C	28.	C
9.	C	29.	B
10.	C	30.	B
11.	D	31.	D
12.	A	32.	B
13.	A	33.	D
14.	B	34.	C
15.	B	35.	D
16.	D	36.	B
17.	D	37.	D
18.	A	38.	B
19.	D	39.	D
20.	B	40.	B