



## SSC CGL Chemistry Questions PDF

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## Instructions

For the following questions answer them individually

### Question 1

The chemical bond that is formed by the sharing of electrons between two atoms is called?

- A Ionic bond
- B Covalent bond
- C Hydrogen bond
- D None of these

Answer: B

### Question 2

The chemical substance which have a bitter taste is?

- A Base
- B Acid
- C Salt
- D None of these

Answer: A

### Question 3

What is the chemical name of common salt that we eat?

- A Sodium bicarbonate
- B Sodium chloride
- C Sodium salicylate
- D Sodium hydroxide

**Answer: B**

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### Question 4

**Greenocite is the ore of which chemical element?**

- A Cadmium
- B Zirconium
- C Strontium
- D Aluminium

**Answer: A**

### Question 5

**What is the chemical formula for Zinc blende?**

A ZnO

B ZnCl

C ZnC

D ZnS

**Answer:** D

#### Question 6

**Which chemical is mostly used to remove the permanent hardness of water?**

A Manganese chloride

B Sodium chloride

C Ammonium Chloride

D Potassium Chloride

**Answer:** D

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#### Question 7

**What is the chemical name of Galena?**

- A Silver sulphide
- B Lead sulphide
- C Zinc sulphide
- D Ferrous sulphide

**Answer:** B

#### Question 8

To decrease the basicity of soil, which chemical is used?

- A Magnesium
- B Sodium
- C Gypsum
- D Alum

**Answer:** C

#### Question 9

What is the chemical formula of Ozone?

- A O
- B  $O_2$

C  $O_3$

D  $O_4$

**Answer:** C

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### Question 10

**What is the chemical name given of chalk?**

A Calcium Sulphate

B Calcium Nitrate

C Calcium Carbonate

D Calcium Phosphide

**Answer:** C

### Question 11

**A generator converts**

A mechanical energy into electrical energy.

B electrical energy into chemical energy.

C thermal energy into electrical energy.

D electrical energy into light energy.

**Answer:** A

#### Question 12

**What is the Chemical name of Laughing Gas?**

A Dinitrogen Monoxide

B Trinitrogen Dioxide

C Dinitrogen Dioxide

D None of the above

**Answer:** A

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#### Question 13

**Which are the Chemicals with characteristic odors commonly used in synthetic flavors, perfumes, and cosmetics?**

A Carboxylic Acid

B Ester

C Ketone

D Aldehyde



**Answer: B**

**Question 14**

The chemical substance Tungsten which is used in a bulb has

- A High melting point
- B Low melting point
- C High density
- D Low density

**Answer: A**

**Question 15**

The chemical substance which is used as a flux in the extraction of iron from its oxide ore is

- A Silica
- B Lime stone
- C Phosphorous pentoxide
- D Magnesium sulphate

**Answer: B**

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### Question 16

What is the chemical name of caustic potash?

- A Potassium Hydroxide
- B Manganese Hydroxide
- C Ferrous Hydroxide
- D Phosphorous Hydroxide

**Answer:** A

### Question 17

What is the chemical name of White Vitriol?

- A Copper Sulphate
- B Zinc Sulphate
- C Magnesium Sulphate
- D Potassium Sulphate

**Answer:** B

### Question 18

Which is the most commonly used chemical in mouth wash?

- A Sodium Benzoate
- B Sodium Iodide
- C Hydrogen Peroxide
- D Calcium Carbide

**Answer:** C

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### Question 19

**What is the full chemical name of alum?**

- A Potassium Aluminium Sulphate
- B Magnesium Aluminium Sulphate
- C Calcium Aluminium Sulphate
- D Sodium Aluminium Sulphate

**Answer:** A

### Question 20

**The substance which decreases the rate of, or prevents, a reaction while remaining chemically and quantitatively unchanged after the reaction is called**

- A Reactor
- B Catalyst
- C Moderator
- D Inhibitor

**Answer:** D

#### Question 21

BOD (Bio Chemical Oxygen Demand) of safe drinking water must be :

- A 0
- B 50 ppm
- C 100 ppm
- D 200 ppm

**Answer:** A

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#### Question 22

The process that takes place in the galvanic cell is:

- A chemical energy is transformed into nuclear energy
- B nuclear energy is transformed into electrical energy
- C chemical energy is transformed into electrical energy
- D None of these

**Answer:** C

**Explanation:**

Chemical energy is transformed into Electrical energy in a galvanic cell.

**Question 23**

**The composition of soap comprises of?**

- A Sodium salt with fatty acids.
- B Sodium and Potassium salt mixed with chemicals
- C Potassium salt with fatty acids
- D Both a & c

**Answer:** D

**Explanation:**

Soaps are water-soluble sodium or potassium salts of fatty acids. The composition of soap comprises of Sodium & Potassium salts with fatty acids.

#### Question 24

Which foam is used as a vegetable preservative?

- A PolyUthane
- B PolyUrethanes
- C PolyUriathenes
- D None of these

**Answer:** B

#### Explanation:

Spray Polyurethane Foam (SPF) is created using two separate chemical compounds, which are heated and then sprayed as a vegetable preservative.

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#### Question 25

RDX a chemical compound is used as a/an?

- A reactor
- B explosive
- C compost
- D None of these

**Answer:** B

**Explanation:**

RDX stands for Royal Demolition eXplosive. It is also known as cyclonite or hexogen. The chemical name for RDX is 1,3,5-trinitro-1,3,5-triazine. ... RDX is used as an explosive

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