

Basic Chemistry Quiz Questions

1. Which is one of these elements is a liquid at room temperature?

- a: Mercury
- b: Gallium
- c: Lithium
- d: Platinum

2. Which of the following the is the longest chemical compound name?

- a: Mercury
- b: Titin
- c: Oxygen
- d: Nitrogen

3. Which of the following is the chemical formula for salt?

- a: NaSl
- b: SaCl
- c: NoCl
- d: NaCl

4. Which of the following statement is true about mineral and ore?

- a: All ores are minerals
- b: A mineral cannot be an ore
- c: All ores need not be minerals
- d: All minerals are ore

5. Which of the following is the atomic number for potassium?

- a: 17
- b: 18
- c: 19
- d: 20

6. Which of the following is the atomic number of a sodium atom?

- a: 10
- b: 11
- c: 12
- d: 13

7. How many valence electrons does potassium need to be stable?

- a: 3
- b: 12
- c: 1
- d: 4

8. Which of these elements in the periodic table has the least electronegativity value?

- a: Fluorine
- b: Caesium
- c: Helium
- d: Francium

9. How many elements are there in the [periodic table](#) of 2022?

- a: 110
- b: 114
- c: 116
- d: 118

10. Which of these elements in the periodic table has the most electronegativity

- a: Fluorine
- b: Caesium
- c: Helium
- d: Francium

11. What is the name of the element with the atomic number 17?

- a: Potassium
- b: Chlorine
- c: Sodium
- d: Neon

12. What is the name of the chemical compound H₂O?

- a: Alumina
- b: Calcium
- c: Oxidane
- d: Water

13. What is the name of the process by which plants convert sunlight into chemical energy?

- a: Chemosynthesis
- b: Anabolic
- c: Photosynthesis
- d: Glycolysis

14. When a glass of water is filled to the brim with ice blocks in it, what happens when the ice starts to melt?

- a: Water level will increase and overflow
- b: Water level will drop slightly
- c: Water level will remain same
- d: Water will run ice

15. Who is widely considered the father of the modern periodic table?

- a: Dmitri Mendeleev
- b: Albert Ghiorso
- c: Julius Lothar Meyer
- d: John Newlands

16. Which of the following chemical element has the symbol Cr?

- a: Chromium
- b: Titanium
- c: Tungsten
- d: Berberine

17. What is the chemical name of baking soda?

- a: Sodium bicarbonate
- b: Sodium hydrogen carbonate
- c: Sodium hydroxide
- d: Sodium carbonate

18. Which of these is the chemical name for vitamin C?

- a: Ascorbic Acid
- b: Sulphur Acid
- c: Acetic Acid
- d: Sour Acid

19. What is the chemical symbol for gold?

- a: Ag
- b: Au
- c: Ae
- d: G

20. Which of the following is the symbol for Nitrogen?

- a: Na
- b: Ni
- c: N
- d: Tr

Basic Chemistry Quiz Answers

1. Mercury
2. Titin
3. NaCl
4. All ores are minerals
5. 19
6. 11
7. 1
8. Francium
9. 118
10. Fluorine
11. Chlorine
12. Water
13. Photosynthesis
14. Water level will drop slightly due to the dense nature of ice
15. Dmitri Mendeleev
16. Chromium
17. Sodium hydrogen carbonate
18. Ascorbic Acid
19. Au
20. N