

Metals and Nonmetals



Multiple Choice Questions (MCQs) on Physical Properties of Metals and Nonmetals

1. Which of the following is a characteristic property of metals?

- a) Poor conductivity
- b) Brittle
- c) High lustre
- d) Non-malleable

2. Which metal is liquid at room temperature?

- a) Gold
- b) Mercury
- c) Silver
- d) Aluminum

3. Which property allows metals to be drawn into wires?

- a) Malleability
- b) Lustre
- c) Ductility
- d) Conductivity

4. Which of the following is not a physical property of nonmetals?

- a) Poor conductivity
- b) High lustre
- c) Brittle
- d) Non-ductile

5. Which metal is the best conductor of electricity?

- a) Copper
- b) Silver
- c) Gold
- d) Aluminum

6. Which of the following nonmetals is a good conductor of electricity?

- a) Sulfur
- b) Phosphorus
- c) Carbon (in the form of graphite)
- d) Nitrogen

7. Which property allows metals to be hammered into thin sheets?

- a) Conductivity
- b) Ductility
- c) Malleability
- d) Brittleness

8. Which nonmetal is liquid at room temperature?

- a) Carbon
- b) Bromine
- c) Sulfur
- d) Phosphorus

9. Which of the following is a property of metals?

- a) Poor electrical conductivity
- b) Non-malleable
- c) Shiny appearance
- d) Brittle

10. Which nonmetal exists as a gas at room temperature?

- a) Sulfur
- b) Phosphorus
- c) Oxygen
- d) Bromine

11. What is the term for the shine or glow on the surface of metals?

- a) Malleability
- b) Ductility
- c) Lustre
- d) Conductivity

12. Which of the following metals is highly malleable?

- a) Iron
- b) Lead
- c) Gold
- d) Zinc

13. What property of metals allows them to be used in electrical wiring?

- a) Malleability
- b) High density
- c) High conductivity
- d) Brittleness

14. Which nonmetal is commonly used in making graphite pencils?

- a) Sulfur
- b) Phosphorus

- c) Carbon
- d) Bromine

15. Which property is generally not associated with metals?

- a) High lustre
- b) Ductility
- c) Poor conductivity
- d) Malleability

Answer Key

1. c) High lustre
2. b) Mercury
3. c) Ductility
4. b) High lustre
5. b) Silver
6. c) Carbon (in the form of graphite)
7. c) Malleability
8. b) Bromine
9. c) Shiny appearance
10. c) Oxygen
11. c) Lustre
12. c) Gold
13. c) High conductivity
14. c) Carbon
15. c) Poor conductivity