

KANKOR EXAMINATION

Chemistry – Practice Question Paper | Set 4

20 Multiple-Choice Questions	Practice Set	English Language
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Instructions: Choose the best answer. Mark one option (A, B, C or D) for each question.

Section A

Q1. CO₂ is:

- A. carbon monoxide
- B. carbon dioxide
- C. calcium oxide
- D. cobalt

Q2. Which is a physical change?

- A. burning wood
- B. rusting iron
- C. melting ice
- D. cooking food

Q3. The chemical formula of oxygen gas is:

- A. O
- B. O₂
- C. O₃
- D. O_x

Q4. An element with seven valence electrons belongs to group:

- A. 1
- B. 2
- C. 17
- D. 18

Q5. Which is an organic compound?

- A. methane
- B. sodium chloride
- C. water
- D. ammonia

Section B

Q6. A catalyst generally:

- A. slows every reaction
- B. changes reaction rate without being consumed
- C. becomes the main product
- D. changes atomic number

Q7. Which metal is liquid at room temperature?

- A. Iron
- B. Mercury
- C. Copper
- D. Aluminium

Q8. The process of converting a liquid to gas is:

- A. freezing
- B. condensation
- C. evaporation
- D. sublimation

Q9. The atomic number of an element equals the number of:

- A. neutrons

- B. protons
- C. shells
- D. molecules

Q10. The chemical symbol for sodium is:

- A. S
- B. So
- C. Na
- D. N

Section C

Q11. Water has the formula:

- A. CO₂
- B. H₂O
- C. O₂
- D. H₂

Q12. A substance with pH less than 7 is generally:

- A. acidic
- B. basic
- C. neutral
- D. metallic

Q13. Which gas supports combustion?

- A. Nitrogen
- B. Oxygen
- C. Hydrogen
- D. Carbon dioxide

Q14. The smallest unit of an element that retains its properties is:

- A. cell
- B. atom
- C. tissue
- D. crystal

Q15. NaCl is commonly known as:

- A. baking soda
- B. common salt
- C. lime
- D. vinegar

Section D

Q16. A reaction between an acid and a base is called:

- A. oxidation
- B. neutralization
- C. reduction
- D. decomposition

Q17. Which is a noble gas?

- A. Oxygen
- B. Chlorine
- C. Helium
- D. Hydrogen

Q18. The periodic table is arranged mainly by:

- A. atomic number
- B. colour
- C. density
- D. melting point

Q19. Which particle has a negative charge?

- A. proton
- B. neutron
- C. electron
- D. nucleus

Q20. Rusting of iron requires oxygen and:

- A. nitrogen
- B. water/moisture
- C. helium
- D. salt only

Answer Key

1. B	2. C	3. B	4. C	5. A
6. B	7. B	8. C	9. B	10. C
11. B	12. A	13. B	14. B	15. B
16. B	17. C	18. A	19. C	20. B

Note: This is an original Kankor-style practice paper, not an official past examination paper.