Al Amal Learning Center

Class 9 Chemistry Chapter 1 Past Paper MCQ Quiz | FBISE | Level 4

Class 9 Chemistry · Chapter 1: Nature of Science in Chemistry

Name: _____ Date: _____ Score: _____ / 9

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1. Suggest the primary focus of organic chemistry?

A) The behavior of inorganic salts
B) The study of carbon-based molecules and their reactions
C) The study of metals and alloys
D) The properties of gases and their interactions

2. Measuring the concentration of a particular solution through titration is related with:

A) Astrochemistry
B) Analytical Chemistry
C) Geochemistry
D) Organic Chemistry

3. Chemical composition of earth, rocks and minerals are studied in:

A) Physical Chemistry
B) Organic Chemistry
C) Nuclear Chemistry
D) Geo Chemistry

4. Study of chemical changes that occur in living organisms is done in:

A) Biochemistry
B) Analytical Chemistry
C) Physical Chemistry
D) Inorganic Chemistry

5. Chemistry mainly deals with the study of:

A) Living organisms
B) Matter and its interactions
C) Planets and stars
D) Historical events

6. Scientists studying how enzymes function in the human body are working in which field?

A) Organic Chemistry
B) Biochemistry
C) Analytical Chemistry
D) Geochemistry

7. The development of new medicines to treat diseases belongs to:

A) Environmental Chemistry
B) Organic Chemistry
C) Polymer Chemistry
D) Physical Chemistry

8. The use of radioactive isotopes in cancer treatment is related to:

A) Nuclear Chemistry
B) Inorganic Chemistry
C) Astrochemistry
D) Analytical Chemistry

9. A research centre has labs for studying enzymes, developing medicines and using radioactive isotopes. Which best explains why different laboratories are needed?

A) Each laboratory is designed exclusively to handle a specific state of matter (solids, liquids, or gases).
B) Different branches of chemistry focus on different types of problems and applications
C) Separate laboratories prevent different chemical elements from contaminating each other's equipment
D) Laboratories are separated randomly without any purpose

Answer key

1-B 2-B 3-D 4-A 5-B 6-B 7-B 8-A 9-B