

## **Tutorial Number 1- Introduction to Chemistry-2027**

**1. What was one of the earliest technological advancements that helped humans survive?**

- a) Farming
- b) Writing
- c) Fire
- d) Metal tools
- e) Pottery

**Answer:**

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**2. What natural material was used to make sharp tools near volcanoes?**

- a) Granite
- b) Quartz
- c) Obsidian
- d) Basalt
- e) Limestone

**Answer:**

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**3. Which of the following was NOT an advantage that animals had over early humans?**

- a) Sharper teeth
- b) Faster speed
- c) Stronger muscles
- d) Ability to make fire
- e) Better sense of smell

**Answer:**

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**4. What was the significance of firing clay in early human civilization?**

- a) It made clay bowls more decorative
- b) It allowed storage of food and liquids
- c) It improved the taste of food

- d) It created stronger weapons
- e) It increased the weight of objects

**Answer:**

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**5. Which method was NOT traditionally used for food preservation?**

- a) Cooking
- b) Drying
- c) Fermentation
- d) Freezing
- e) Using vinegar

**Answer:**

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**6. What chemical reaction led to the discovery of the Bronze Age?**

- a) Burning sulfur-rich rocks
- b) Heating clay to high temperatures
- c) Covering a fire with copper-rich soil
- d) Mixing iron with carbon
- e) Fermenting organic matter

**Answer:**

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**7. What compound is formed when ethanol undergoes oxidation?**

- a) Methanol
- b) Carbon dioxide
- c) Acetic acid
- d) Propanol
- e) Hydrogen gas

**Answer:**

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**8. Which of the following is NOT a sub-discipline of modern chemistry?**

- a) Organic chemistry
- b) Inorganic chemistry
- c) Astronomy

- d) Analytical chemistry
- e) Physical chemistry

**Answer:**

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**9. What is the primary function of antiseptics?**

- a) Enhancing the flavor of food
- b) Preventing bacterial growth on living tissues
- c) Strengthening metals
- d) Increasing the shelf-life of fuels
- e) Enhancing plant growth

**Answer:**

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**10. Which of the following is NOT considered a fossil fuel?**

- a) Petrol
- b) Diesel
- c) LPG
- d) Methanol
- e) Natural gas

**Answer:**

**Bonus Question.**

What one would attempt to understand by studying Chemistry?