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Question 1: Adequate safety precautions must be taken in using certain household cleaners (such as drain openers) because these may contain:

(1 Point)

- None of the answers apply
- Water vapor
- Corrosive chemicals
- Sharp objects

Group 2

Question 2: In aqueous solutions, surfactants:

(1 Point)

- Solidify
- Vaporize and stay in the space above the solution
- Sink to the bottom
- Cluster near the surface

Group 3

Question 3: The oxidizing agent generally used during curling of hair is:

(1 Point)

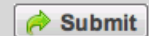
- H_2O_2
- H_2O
- H_3O^+
- O_3

Group 4

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Group 4

Question 4: **Fragrances in perfumes are generally experienced in three stages or notes because of the:**

(1 Point)

- Volatility of the ingredients
- Color of the ingredients
- Density of the ingredients
- Price of the ingredients

Group 5

Question 5: **Sunscreen creams are formulated with additional ingredients to:**

(1 Point)

- None of the answers apply
- Absorb certain harmful radiation
- Make them look colorful
- Charge a higher price

Group 6

Question 6: **The effective chemical ingredients in deodorants are antibacterial agents to:**

(1 Point)

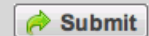
- Mask the unpleasant odors
- Destroy bacteria responsible for converting certain compounds to unpleasant odors
- Trap the unpleasant odors
- Culture bacteria

Group 7

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Group 7

Question 7: In the cleaning process the non-polar end of the surfactant is attracted to oil (or grease) because oil (or grease) is:

(1 Point)

- Greasy
- Dirty
- None of the answers apply
- Polar

Group 8

Question 8: Which ions are responsible for the hardness of water?

(1 Point)

- Ca^{2+} and Mg^{2+}
- F^- and Cl^-
- Na^+ and K^+
- Al^{3+} and Br^-

Group 9

Question 9: Alpha-Hydroxy acids are classified as:

(1 Point)

- Bases
- Pharmaceuticals
- Inorganic acids
- Cosmeceuticals

Group 10

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Group 8

Question 8: Which ions are responsible for the hardness of water?

(1 Point)

- Ca²⁺ and Mg²⁺
- F⁻ and Cl⁻
- Na⁺ and K⁺
- Al³⁺ and Br⁻

Group 9

Question 9: Alpha-Hydroxy acids are classified as:

(1 Point)

- Bases
- Pharmaceuticals
- Inorganic acids
- Cosmeceuticals

Group 10

Question 10: Final step in curling of hair involves a process of reforming the previously broken covalent bonds in the new shape.

(1 Points)

- True
- False

- END OF QUIZ -

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