

## **CLASS IX, SCIENCE, SA II**

- 1. What is meant by saponification? Illustrate it with the help of an example.
- 2. What is homologous series of substances?
- 3. What are synthetic detergents? Write its three advantages over soap.
- 4. What is isomerism?
- 5. What is micelle?
- 6. How can you differentiate chemically between butter and cooking oil?
- 7. Explain substitution and addition reactions shown by hydrocarbons.
- 8. A mixture of oxygen and ethyne is burnt for welding. Why do you think a mixture of ethyne and air is not used?
- 9. Which of the following hydrocarbons C<sub>2</sub>H<sub>6</sub> and C<sub>2</sub>H<sub>4</sub> is more reactive and why?
- 10. Intake of small quantity of methanol can be lethal. Comment.

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