

POLITICAL SCIENCE ASSIGNMENT

1. What is meant by Preamble with reference to the Indian Constitution.
2. What are the opening words of the Preamble of the Indian Constitution?
3. Is Preamble the part of Indian Constitution?
4. What three words were added to the Preamble of the Indian Constitution by the 42nd Amendment Act 1976?
5. Why is November 26th celebrated as Constitution Day in India?
6. What is the significance of the opening words of the Preamble of the Indian Constitution?

ENGLISH LITERATURE ASSIGNMENT

How is the mood of Ms. Meadows reflected in the class and on her students.

CHEMISTRY ASSIGNMENT

Chemical properties of Haloalkanes:

Answer the following:

1. Differentiate between S_N^1 and S_N^2 mechanism.
2. Explain the different product formation when alkyl halides react with KCN (alc) and AgCN (alc).
3. Ethyl bromide forms ethyl nitrite when reacts with KNO_2 whereas ethyl bromide forms nitroethane when reacts with $AgNO_2$. Explain.
4. Explain Saytzeff's rule with suitable example.
5. Write reaction of alkyl halides with the following (as shown in video):
 - A. Nucleophilic Substitution Reaction
 - i) Sodium hydroxide
 - ii) Sodium iodide
 - iii) Ammonia, primary amines, secondary amines, tertiary amines
 - iv) Potassium cyanide and silver cyanide
 - v) Potassium nitrite and silver nitrite

 - vi) Silver salts of fatty acids

 - vii) Lithium aluminium hydride
 - B. Reaction with metals
 - i) Wurtz reaction
 - ii) Reaction with magnesium

