

## **APPENDIX I**

### **OBJECTIVES OF TEACHING SCIENCE AT THE SECONDARY LEVEL**

The general objectives of teaching science at the secondary level are:

1. To acquire understanding of scientific concepts, principles and laws.
2. Develop instrumental, communicational and problem-solving skills.
3. Develop scientific temper, attitudes and values such as open-mindedness, intellectual honesty, and courage to question and respect for human dignity.
4. Cultivate social, moral, ethical and aesthetic values, which exalt the society and refine the life of the individual.
5. Appreciate the contribution of the scientists and develop sensitivity to possible uses and misuses of science.
6. Develop concern for a clean environment and preservation of ecosystem.
7. Help undertake higher studies in science, vocation and profession.

(NCERT, 1988)