ASSIGNMENT No. 1
(Units 1–5)

Q.1 Pupils management in the laboratory is very important. How this will be possible? Give your suggestion in this regard? (10)

Q.2 Compare the designs of Laboratories occur in Pakistan and Malyasia. (10)

Q.3 Explain the procedure of inspection and maintenance of laboratories and equipment. (10)

Q.4 Explain the guidelines in preparing lists of requirements for the management of science laboratory. (10)

Q.5 How teacher can improve the laboratory techniques with regard to Glass working skills? (10)

Q.6 What are the barriers, which affect the Learning in laboratory at school level in Pakistan? (10)

Q.7 Explain the present practice of teaching in our schools and colleges laboratories? Give suggestions for the change. (10)

Q.8 How aims and objectives of laboratory teaching are different from the classroom teaching? Explain? (10)

Q.9 What are the factors responsible for the decline of learning sciences skills in our country? (10)

Q.10 Explain the role of Practical work in Chemistry Education. (10)
ASSIGNMENT No. 2

(Units 6–9) 

Total Marks: 100

Q.1 Explain that how the laboratory course should be sequenced? (10)

Q.2 Write a comprehensive essay on experimental investigations. (10)

Q.3 Explain the role of research projects with regards to students learning in the laboratory. (10)

Q.4 Explain the factors influencing sequencing of laboratory work. (10)

Q.5 Explain the following:
   a) Pre-laboratory activities
   b) Post-laboratory activities (10)

Q.6 Explain the role of Assessment to take feedback of the word done in laboratories. (10)

Q.7 Explain the science laboratory safety rules and techniques. (10)

Q.8 What are the steps in a course of action for a person First Aid? (10)

Q.9 Explain your views about the practical work at Secondary School level in Pakistan. (10)

Q.10 Explain this idea that, “Laboratories are one of the characteristic features of education in the science at all level”. (10)