ASSIGNMENT No. 1
(Units 1–4)

Q.1 Discuss the nature of science. Elaborate the role of activity approach in science education. (20)

Q.2 Elaborate the need of specifying aims, goals and objectives. Also differentiate among them. Also discuss the objectives of teaching science at secondary level. (20)

Q.3 What are the instructional objectives for science teaching? Discuss in detail. (20)

Q.4 Describe the elements of effective science teaching. (20)

Q.5 Differentiate between demonstration and experiment. Write down the guidelines for making demonstration more and more effective. (20)

ASSIGNMENT No. 2
(Units 5–9)

Q.1 Compare the investigation and inquiry approach of teaching. (20)

Q.2 Discuss the role of questioning in discovery. Write down the specific techniques for improving questioning skills. (20)

Q.3 What is lesson plan? Discuss the short and long forms of lesson planning. (20)

Q.4 Write a detailed note on the following:
   i. Radio & TV in Science Teaching. (10)
   ii. Internet in Science Teaching. (10)

Q.5 What teaching strategies may be used for teaching special students? Discuss in detail. (20)