

ALLAMA IQBAL OPEN UNIVERSITY, ISLAMABAD
(Department of Science Education)

WARNING

1. **PLAGIARISM OR HIRING OF GHOST WRITER(S) FOR SOLVING THE ASSIGNMENT(S) WILL DEBAR THE STUDENT FROM AWARD OF DEGREE/CERTIFICATE, IF FOUND AT ANY STAGE.**
2. **SUBMITTING ASSIGNMENTS BORROWED OR STOLEN FROM OTHER(S) AS ONE'S OWN WILL BE PENALIZED AS DEFINED IN "AIOU PLAGIARISM POLICY".**

Course: Teaching Strategies in Science Education (696)

Level: M.Ed

Semester: Autumn, 2012

Total Marks: 100

Pass Marks: 40

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)

Total Marks: 100

- 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)