

**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".**
3. **EXAMPLES COPIED FROM THE COURSE BOOK WILL CARRY NO MARKS.**

Course: Teaching Strategies in Science Education (696)      Semester: Autumn, 2013  
Level: M.Ed.      Total Marks: 100  
Pass Marks: 40

**ASSIGNMENT No. 1**

(Unit: 1-4)

- Q. 1 "Understanding the nature of science is essential aim of science education", discuss, supporting your arguments with concrete examples. (20)
- Q. 2 Explain the difference between aims, goals and objectives. Also discuss the three main domains of educational objectives. (20)
- Q. 3 Discuss the role of text book for teaching and learning science in detail. Also suggest methods for effective use of textbook in teaching science. (20)
- Q. 4 Describe salient feature of inquiry method of teaching science. Discuss its pros and cons. (20)
- Q. 5 Write brief notes on following: (10 x 2)
- a) Role of oral questions in teaching science
  - b) Cooperative learning

**ASSIGNMENT No. 2**

(Unit: 5-9)

Total Marks: 100      Pass Marks: 40

- Q. 1 Discuss the various types of discovery approach. (20)
- Q. 2 Write down a lesson plan on a science topic of your own interest from secondary science? (20)

- Q. 3 Elaborate the role of radio and T.V for science education. **(20)**
- Q. 4 Suggest methods for effective use of information technology for teaching science.**(20)**
- Q. 5 Discuss the individual differences. Write down the need and rationale for providing science education to special children. **(20)**

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