

**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: Assessment in Science Education (697)  
Level: M.Ed.

Semester: Autumn, 2013  
Total Marks: 100  
Pass Marks: 40

**ASSIGNMENT No. 1**  
**(Unit: 1-4)**

- Q. 1 Describe in detail the role of assessment in Science Education. (20)
- Q. 2 How can instructional objectives be written? Describe with examples. (20)
- Q. 3 How can assessment of knowledge of specifics be done? Explain your answer with examples. (20)
- Q. 4 Write down the procedures for developing tests for assessing different levels of comprehension. (20)
- Q. 5 Describe different methods of developing test for assessing different levels of synthesis. (20)

**ASSIGNMENT No. 2**  
**(Unit: 5-9)**

**Total Marks: 100**

**Pass Marks: 40**

- Q. 1 Discuss in detail the nature of practical skills and abilities. (20)
- Q. 2 What are affective objectives. Write down the nature of affective objectives and abilities? (20)
- Q. 3 Describe in detail different methods of assessing affective outcomes. (20)
- Q. 4 How can a science teacher use assessment information for diagnostic and predictive purposes? (20)
- Q. 5 Enlist the factors, affecting assessment. Discuss in detail each factor. (20)