

**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: Assessment in Science Education (697)**

**Level: M.Ed**

**Semester: Autumn, 2012**

**Total Marks: 100**

**Pass Marks: 40**

**ASSIGNMENT No. 1**

**(Units 1–5)**

- Q.1 a) What is the difference between assessment, test and examination? (10)  
b) What are different types of assessment? (10)
- Q.2 What are the Characteristics of a good assessment? Discuss in detail. (20)
- Q.3 What is the difference between instructional objectives of behavioral objectives? (20)
- Q.4 What is Blooms taxonomy? How it is helpful for teaching? What is the importance of knowledge objectives? (20)
- Q.5 How can you assess comprehension skills of students? Give some examples from your science teaching. (20)

**ASSIGNMENT No. 2**

**(Units 6–9)**

**Total Marks: 100**

- Q.1 In science teachings, how can you measure the ability of your students to apply knowledge? Support your answer with examples. (20)
- Q.2 Discuss in detail the followings:  
a) Analysis of relationship. (10)  
b) Analysis of organizational principles. (10)
- Q.3 What are synthesis skills? Why is it necessary for students to have such skills? (20)
- Q.4 What are the goals of practical work? How can you measure the assessment of attitudes of your students towards science? (20)
- Q.5 a) How can a teacher get information regarding assessment? (10)  
b) How can you assess students of mixed ability groups? (10)