

**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 of Physics (6516)  
Level: MA (Education)

Semester: Autumn, 2012  
Total Marks: 100  
Pass Marks: 40

**ASSIGNMENT No. 1**  
(Units: 1–5)

*Note: Examples copied from the course books will carry no marks.*

- Q. 1 What are the taxonomies of education? Describe their types and their significance in education. (20)
- Q. 2 a) Discuss lecture demonstration method. How it can be implement in Physics teaching? (10)
- b) What are merits of lecture demonstration method in physics teaching at secondary level? (10)
- Q. 3 Explain how can Physics laboratory be managed? What aspects must be considered while managing Physics laboratory? (20)
- Q. 4 a) Differentiate between norm-referenced assessment and criterion referenced assessment. (10)
- b) Describe different modes of assessment. (10)
- Q. 5 Discuss in detail the principles for construction of objective tests items. (20)

## **ASSIGNMENT No. 2**

**(Unit: 6–9)**

**Total Marks: 100**

**Pass Marks: 40**

- Q. 1 What is the role of Radio and television in Physics teaching? Describe the limitations of instructional TV. **(20)**
- Q. 2 a) Derive the three equation of motion. **(10)**  
b) What are the laws of motion? Explain them with suitable examples. **(10)**
- Q. 3 a) Define universal law gravitation. Derive its relation. **(10)**  
b) How can to mass of earth be measured? **(10)**
- Q. 4 What is sound? Discuss its nature, properties of characteristics. **(20)**
- Q. 5 What are spherical mirrors? Describe its different types. How the image is formed in spherical mirrors? **(20)**

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