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)  
Semester: Autumn, 2012  
Level: MA (Education)  
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 the mass of the 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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