

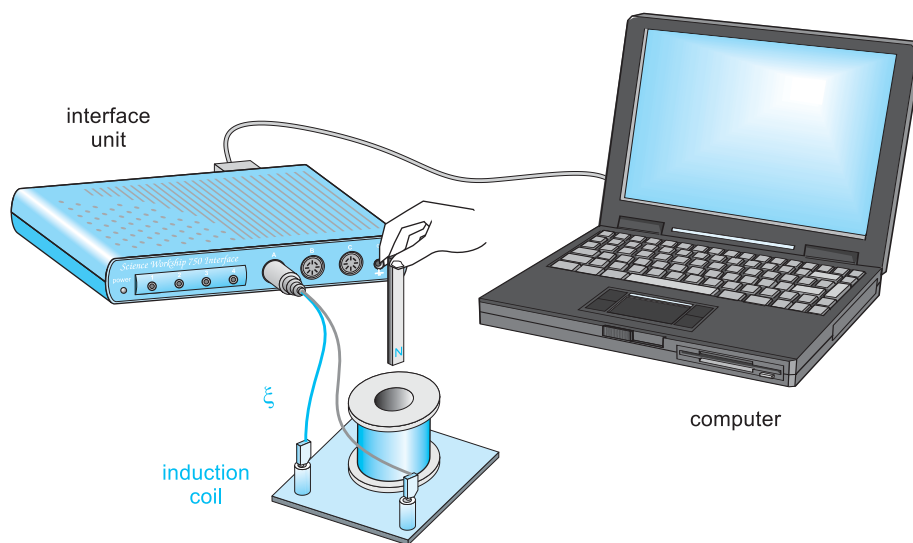
School				Mark (10)
Name		HKID		
Class (No.)		Date		

DL17 Magnet Falling Through A Coil

Answers to Preview Questions

- _____
- _____
- _____
- _____

Experiment Induced e.m.f. due to a falling magnet



Experiment

Data Analysis

- For the single magnet falling with N-pole downward, determine the area under the Voltage-time graph for negative voltage. _____
 - For the single magnet falling with N-pole downward, determine the area under the Voltage-time graph for positive voltage. _____
- Compare the two areas. _____

4. Is the incoming flux equal to the outgoing flux? _____

Why is the outgoing peak higher than the incoming peak? _____

Why are the peaks in opposite direction? _____

Answers to Discussion

1. _____

2. _____

3. _____

4. _____

