

## NATIONAL SENIOR CERTIFICATE EXAMINATION NOVEMBER 2014

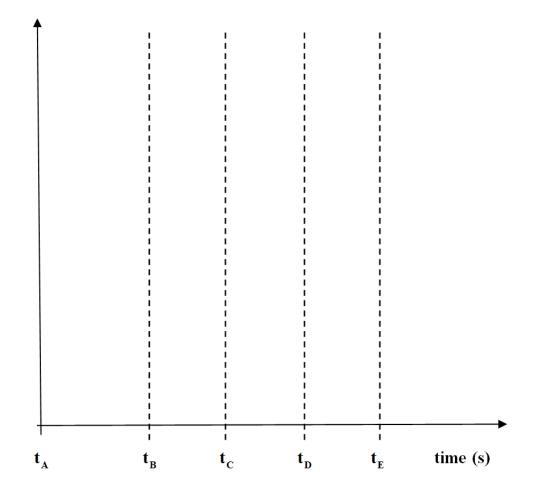
#### PHYSICAL SCIENCES: PAPER I

EXAMINATION NUMBER						

#### ANSWER BOOKLET

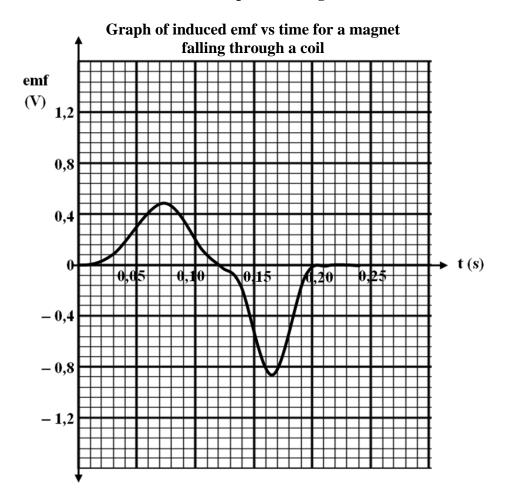
## QUESTION 2.1.7 Position-time sketch graph of the horizontal position of the block.

Horizontal position (x) in m



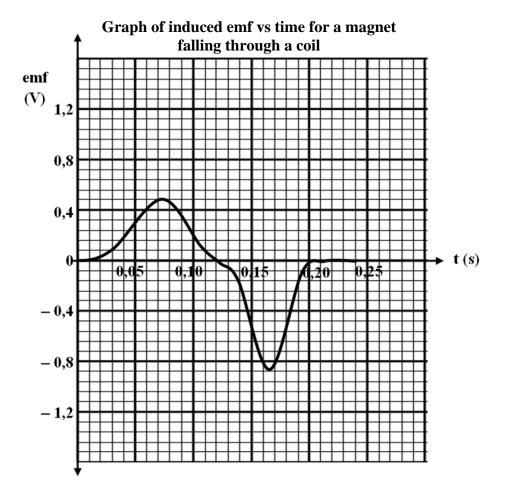
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# QUESTION 8.8.1 The same magnet is dropped from the same height through the same coil with the NORTH pole entering the coil first.



## **QUESTION 8.8.2**

A STRONGER MAGNET of the same mass and length is dropped through the same coil from the same height with the south pole entering the coil first.



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# QUESTION 8.8.3 The same magnet is dropped from the same height through a coil of the same length but having LESS TURNS. The south pole enters the coil first.

