

2 A student uses an ammeter. The ammeter has a needle which moves above a horizontal scale.

There are three sources of error in the readings.

- 1 The ammeter has an incorrectly set zero.
- 2 The ammeter always gives a reading which is 5 % lower than the true current.
- 3 The student's eye is not always vertically above the ammeter needle.

Which row correctly classifies these sources of error?

	random error	systematic error
A	1	2, 3
B	1, 3	2
C	2, 3	1
D	3	1, 2