Consider the following statements about processors. Why are they fallacies?

(a) A benchmark is a typical program that accurately predicts performance. [4 marks]

(b) Instructions per second is an accurate measure to compare performance among computers. [4 marks]

(c) Peak performance tracks observed performance. [4 marks]

(d) You can design an ideal processor suitable for all applications. [4 marks]

(e) Adding more pipeline stages always improves performance. [4 marks]