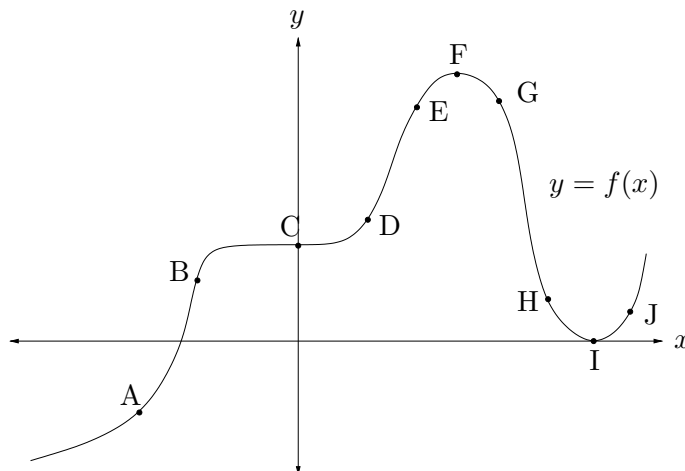**6.** (11 points) The graph of a continuous differentiable function f is given below. Use the graph to answer the following. No explanation necessary.

(a) List all labelled points (if any) where f' and f'' are both positive.

(b) List all labelled points (if any) where f' and f'' are both negative.

(c) List all labelled points (if any) where f and f' are both positive.

(d) List all labelled points (if any) where f and f' are both both negative.

(e) List all labelled points (if any) where at least two of f, f', f'' are zero.