

a) *Please see code

All 3 returned the correct path,
but UCS took much longer, and had to
expand more nodes.

b)

A* is better than GBF because it
finds the optimal path

A* is better than UCS because it
expands less nodes.

c) GBF is better than A* search and UCS
because it finds a path much faster. It
has a much smaller space complexity.
But the path is not optimal, but it's
good.