Warsaw = W Venice = V
Budapest = B Rome = R
Odesa = O Munich = M

a.

path expended	Fringe (order by heuristic alone)
W	W
WM	WM(3) WB(2) WO(20)
WMR	WMR(3) WMV(6) WB(12) WO(20)

W → M → R

b.

path expended	close list	Fringe (order by heuristic alone + cost)
WM	W	WM(18), WB(21), WO(26)
WMV	M	WB(21) WMV(24) WO(26) WMR(33)
WBM	B	WMV(24) WO(26) WMR(33) WBM(36)
WMVR	V	WO(26) WMVR(30) WMR(33) WBM(36)
WOV	O	WMVR(30) WMR(33) WBM(36) WOV(43)
WMVR	R	

W → M → V → R.

c.

This graph is heuristic admissible, because the shortest path cost is 30, and all node heuristic is less than and equal to 30.
However is not consistent, because some h(W) - h(M) is 27, however the cost of Warsaw to Munich is just 15. So it is not Consistent.