Solutions:

Question 1:

do for i = 1, 2, 3, ... N do for j = i+1, i+2, ... N if price of bottle i < price of bottle j swap bottles i and j end if end do end do

Question 2:

NOTE: each row corresponds to an iteration (one proposal)

Male	Female	Pair
V	В	VB - V freed due to X
W	D	WD - W freed due to Y
Х	В	BX - frees V
V	A	VA
Υ	А	rejected
Υ	D	YD - frees W, Y freed due to Z
W	В	rejected
W	A	rejected
W	С	WC
Z	В	rejected
Z	D	ZD - frees Y
Υ	С	rejected
Υ	В	rejected
Y	E	YE

Stable pairs: BX, VA, WC, ZD, YE

Question 3:

Female	Male	Pair
А	Z	AZ
В	Х	BX
С	W	CW
D	V	DV
E	Y	EY

Stable pairs: AZ, BX, CW, DV, EY

Bonus:

Quoting 'proof' from Wikipedia article (http://en.wikipedia.org/wiki/Stable_marriage_problem) *The marriages are stable:*

Let Alice be a woman and Bob be a man. They are each paired/partnered/married, but not to each other. Upon completion of the algorithm, it is not possible for both Alice and Bob to prefer each other over their current partners. If Bob prefers Alice to his current partner, he must have proposed to Alice before he proposed to his current partner. If Alice accepted his proposal, yet is not married to him at the end, she must have dumped him for someone she likes more, and therefore doesn't like Bob more than her current partner. If Alice rejected his proposal, she was already with someone she liked more than Bob.