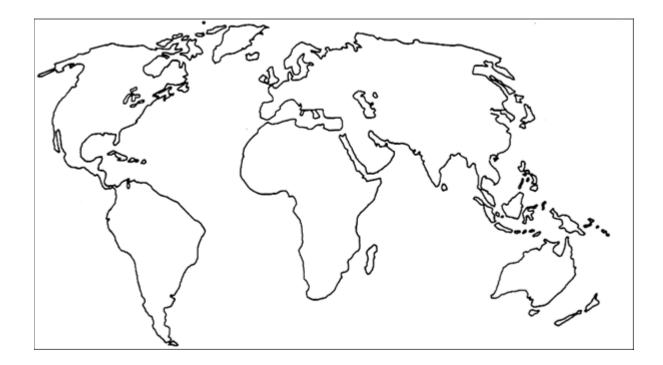
Medicinal Plants: In Class Quiz

Multiple Choice:			
a) Aloe vera	f) Ginkgo		j) Silphium (Ferula)
b) Ephedra	g) Saw Pal	metto	k) Snakeroot
c) Feverbark tree	h) Madaga	scar	 St. John's Wort
d) Foxglove	Periwink	kle	m) Willow
e) Happy tree	i) Pacific Y	'ew	n) Pacific Yew
	·		
acetosalicylic acetosalic acetosalic acetosalic acetosalicylic acetosalic acetos			Jesuit powder or bark
	2 active ingredient in many		lowers blood pressure
weight loss supplemer	its		malaria treatment
3 aloin			methylsalicylate
4 analgesic			mucilaginous sap
5 anthraquinones		32	palm tree, state tree of SC
6 antipyretic			Plasmodium
7 artemisinin			Pseudoephedrine
8 aspirin			purgative
9 burn treatment			quina-quina
10 camptothecin		37	quinine
11 chloroquine		38	quinine reduces risk of heart attack
12 chemical used i	n plant to		troke
plant communication		39	reserpine
13 cure for dropsy		40	Rig-Veda
14 decongestant, v	weight loss	41	salicin
supplements	_	42	stimulant
15 digitalis		43	treatment for advanced
16 digoxin, digiton	in	can	cer
17 ephedrine		44	treatment for breast cancer
Ma huang			treatment for depression
18 extinct – over-o	collected for	46	treatment for gout
medicine		47	treatment for hypertension
19 Felix Hoffman &	Bayer Co.	48	treatment for leukemia &
20 gin & tonic	3		lgkin's disease
21 Hindu healers ι	ised	49	treatment for prostate
22 increases blood	flow to		argement .
brain			treatment for
23 Indian healers			izophrenia
24 inhibits platelet			treatment for senility
aggregation			used as a contraceptive
25 inhibits DNA re	pair, verv		vincristine/vinblastine
toxic	. ,		William Withering
26 contraceptive			Wintergreen & sweet birch
			tain similar chemicals to this
		plar	
		1	

Short Answer: Please use a separate sheet of paper

- 1. Explain why malaria patients have recurring onset of fever and chills.
- 2. What is the 1994 Dietary Supplement and Health Education Act?
- 3. Explain how saw palmetto works to block prostate enlargement.
- 4. Explain why certain medications become ineffective if taking St. John's Wort.

<u>Mapping Question</u>: For each of the plants listed in the Matching Question above, write its name on the map in the general region to which it is native (or generally associated).



Essay Question on Exam #3: Select one plant-derived medicine such as quinine, reserpine, aspirin or digitalis and prepare an essay describing the type of secondary metabolite it is, its basic chemical structure, its actions in the body, the effectiveness of the medicine, the plant from which it was derived, the country of origin of the plant, a brief history of the use and discovery of the plant/medicine