

Philadelphia University		Faculty of Pharmacy
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Student Name:

Student Number:

Course Name: Phytotherapy 2nd Semester of Academic Year 2015 /2016

Course Number: 510542 section:

Date: 13/6/2016

First/Second/Final Exam

Duration of Exam: 120 minutes

	A	B	C	D		A	B	C	D
1					19				
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17					35				
18									

- Number of pages including this first one =
- Total number of pages =
- Total mark = 63, with 3 as bonus.

Score: /35

/28 ----- TOTAL= /60 ----- /40

QUESTION I: CHOOSE THE MOST CORRECT ANSWER IN EACH OF THE FOLLOWING QUESTIONS? [34 marks]:

1-silybum marianum seeds used in Europe largely for:

a-hepatitis b-jaundice c- hypolipidemia d- a+b D

2-glycyrrhizin is:

a-Saponin glycosides b- triterpene c- a+b d- flavonoid glycosides C

3-berberine alkaloid obtained from:

a-sanguinaria Canadensis b- laminaria ascophyllum c-gentiana lutea d-chamomilla matricaria A

4- Large quantities of if taken can cause epileptic fits and psychiatric disturbances:

a- *Artemisia absinthium* b- *Urtica dioica* c- *Silybum marianum* d- *Amanita phalloides*. A

5- nausea and vomiting with abdominal spasm (motion sickness) is treatment by: C

a-populus species b- coumarins c- hyoscine or antihistamins d- amanita phalloides

6-alginate used for:

a-constipation b- GIT inflammation c-coronary insufficiency d- hemorrhoids b

7-gentiana root contains:

a-terpenoid secoiridoide b- v.oil c-saponins d- berberine a

8-alginate obtained from :

a-sea weed b-brown algae c-laminaria or ascophyllum nodosum d- all of above d

9-stimulant laxatives work by:

a-increase the tone of the smooth muscle of intestine b-formation of bulk material c-lubrication of the stool d- increasing of the water content of stool. a

10-one of the followings is wrong, mineral oils contraindication is/are:

a-increase absorption of fat soluble vitamins b-elderly patients at risk of pneumonitis c-increase water retention in the stool d-emollients may decrease the absorption of mineral oils which lead to hepatotoxicity a

11-chamomile agrees with the followings except:

a-the part used is the flowers b-it contain bisabolol for peptic ulcer c-contain chamazulene
d-contain berberine d

12-lactulose is:

a-OTC drug b- prescription medicine c-food supplement d- controlled drug b

13- cynara scolymus (artichoke) is used for:

a-dyspepsia b-hepatotoxicity c-lipid profile d-all of above d

14- gentian root is used for:

a-after large meal b-suppress gastric secretion c- suppress liver damage d-a+c d

15- artemesia absinthium common name: b

a-artimesia cinia berg b-wormwood c-artichoke d-andrographis

16-amanit phalloides a mushroom which may cause :

a-necrosis of the liver b-bacterial infection of liver c-hyperlipidemia d-hypolipidemia a

17-Shisandra complies with:

a-mangolian vine b-contain lignin c-it is liver-protecting d-a+c d

18-curcuma domestica is:

a-used for hypercholesterimia b-daily dose is 2gm c-the part used is rhizome d-all of above d

19-curcuma longa contains:

a-curcumin b-v. oil c-antioxidant d-a+b+c d

20-red clover main constituents are:

a- genistein b- linoleic acid c-actein d- linolenic acid a

21-glycin max contains:

a-stigmasterol b- β -sitosterol c-linolenic acid d-all of above d

22-the effect of black kohosh:

a-hypoglycemic b-antihypertensive c-regulate the hormonal imbalance d-not known c

23-origanum vulgare uses are:

a-liver protection b-regulate the hormonal imbalance c- Indigestion d-all of above c

24- Nettle:

a- Is mainly used for low stomach acidity. b-Inhibits the proliferation of the prostate epithelial. c- Anti-diabetic d-all of above B

25-trigonella foenumgraecum effect includes:

a- hypoglycemic b-liver metabolism c- pancrease damage d-all of above a

26-best cinnamon dose for diabetes is:

a-100 mg/kg b-500mg/kg c-200mg/kg d-50mg/kg body weight c

27-guar gum is obtained from which part of the guar plant?

a- Leaves. b- Seeds c- Rhizome and roots d- Bark.

28-black kohosh contain:

a-triterpene glycosides b-v.oil c-carbohydrates d-alkaloids a

29-saw palmetto used for:

a-hypertension b-diabetes c-BPH d-allergy c

30-nettle agree with:

a-urtica dioica is the scientific name b-herb and root used c-it inhibits 5-alpha reductase enzyme d-a+b d

31-mode of action of saw palmetto is:

a-Inhibit 5-alpha reductase enzyme b-potentiate the enzyme catalyze formation of dihydro-testosterone c-inhibit proliferation of human prostate epithelial cells d-a+b a

32-Syzygium aromaticum is remarkably used for:

a- Arthritis. b- Glaucoma c- Toothache d- Nausea and vomiting C

33- A throat spray containing sage and was comparable in results to chlohexidine/lidocaine spray and even better:

a- Wormwood b- Origanum c-Clove d- Coneflower D

34- clove agree with:

Main constituent:

Use:

9. What is the active constituent in Cranberry?

10. What is the indication (clinical use) of mefloquine?

11. What is the use of artemisinin?

12. *Chrysanthemum* species contains the active constituent that is used as an insecticide.

13. is a plant belonging to Plantaginaceae, and it contains the active cardenolides like digitoxin that are used to treat..... .

14. The loading dose of digoxin depends on (mention THREE factors)?

a.

b.

c.

**15. Ginkgolides have the following effect
.....**

16.

Question 3: multiple choice cases 2,3,4,5,6..... (5 marks)

CASE NUMBER	2	3	4	5	6
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