

Course No: NUR 3213
Course Title: Medicinal Plants
Date: 11/11/2017
No. of Questions: (3) in Four pages
Time: 1hours
Using Calculator (No)

University of Palestine



Second Mid. Exam
2017/2018
Total Grade:15
45/3

Instructor Name: Ayman Dardona
Student No.: _____
Student Name: _____
College Name: Pharmacy
Dep. / Specialist: Nutrition
Using Dictionary (No)

Question One:(10 Marks).:

A- Write the correct terminology for each sentence :(2.5Marks)

- 1- Herbs that often used to heal and sooth nervous system.
()
- 2- Insoluble mixture in water of essential oils and terpenes.
()
- 3- Chemical compounds extracted from plants and have pharmacological or toxicological effects on man and animal.
()
- 4- Plants contain active principles responsible for their healing power.
()
- 5- A group of plant genera shows general structure resembles with one another mainly in organs.
()

B- What is intended by herbal abuse and their interactions with conventional drugs? Support your answer with example. (2.5Marks)

C- Explain the mechanism that Lemons work in weight loss control? (2.5Marks)

D- Mention two medicinal uses for Licorice roots? (2.5Marks)

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Question Two:(20 Marks)

Circle the most accurate Answer :-

- 1- *Equisetum arvense* is belonging to
 - a- Seedless plants
 - b- Vascular plants
 - c- Pteridophyta
- 2- Plants help to dissolve waste material and enhance skin health
 - a- Sulphur –containing plants
 - b- Brassica plants
 - c- Cruciferous plants
- 3- Vanilla has antipyretic effects due to the content of salicylic acid , benzoic acid , and
 - a- Salicin
 - b- Eugenol
 - c- Phenol
- 4- Pineapple improves protein digestion due to the content of
 - a- Actidine
 - b- Allinase
 - c- Bromelain
- 5- Responsible for the yellow color of turmeric
 - a- Capsanthin
 - b- Crocin
 - c- Curcumin
- 6- All the followings are alkaloids except of
 - a- Piperine
 - b- Capsaicin
 - c- Capsanthin
- 7- The science dealing with using plants in remedies and as phytomedicine
 - a- Phytology
 - b- Phytochemistry
 - c- Phytotherapy
- 8- The healing power of plants is due to
 - a- Metabolism
 - b- Primary metabolites
 - c- Metabolites
- 9- Which plant is considered a natural omeprazole
 - a- Fenugreek
 - b- Figs
 - c- Moringa
- 10- Phytochemicals made up of a benzene ring with three carbon side chain
 - a- Phenol
 - b- Phenylpropanoids
 - c- Polyphenol

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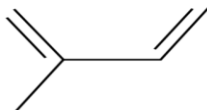
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- 11- Chemical compound in green tea assist liver function
 - a- Catechins
 - b- Alkaloids
 - c- Caffeine
- 12- Capsaicin mechanism in controlling weight loss is based on
 - a- Satiating
 - b- Thermogenic effect
 - c- Appetite suppressant
- 13- When Nettle plant is used directly in external irritation ,it is referred as
 - a- Astringent
 - b- Compression
 - c- Rubifacient
- 14- Cruciferous vegetables support enzyme production in liver because of
 - a- Glycosides
 - b- Iridoid glycosides
 - c- Cynogenic glycosides
- 15- Astringent herbs have the ability to shrink living tissues due to the content of
 - a- Proteins
 - b- Saponins
 - c- Tannins
- 16- The below phytochemical structures is
 - a- Terpenoids
 - b- Half-Terpenes
 - c- Mono-Terpenes



- 17- Plants increase energy activities of the body or used to heal the nervous system
 - a- Nerving plants
 - b- Volatile plants
 - c- Stimulant plants
- 18- Coffee leaves infusion is adequate for healing fever due to the content of
 - a- Beta-caroten
 - b- Caffeine
 - c- Beta-sisosterol
- 19- Plants enhance the ability to absorb other phytochemicals are
 - a- Diuretic plants
 - b- Saponin-Containing plants
 - c- Bitter plants
- 20- The botanical name of the plants include
 - a- Family
 - b- Genus
 - c- Order

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Question Three:(15Marks)

**A- Define the concept of a medicine-food or a food -medicine in terms of herbal medicine?
Support your answer with example.(5Marks)**

B- Write two differences between infusion and decoction? (5Marks)

C- Mention three vegetarian ways to boost collagen production, and explain the working mechanism of beans for this boosting? (5Marks)

End of Questions, Good Luck