Code No.: 2603

PHARMACOGNOSY

Time: 3:00 Hours [Maximum Marks: 80

NOTES:

- i) Attempt all questions.
- ii) Students are advised to specially check the Numerical Data of question paper in both versions. If there is any difference in Hindi Translation of any question, the students should answer the question according to the English version.
- iii) Use of Pager and Mobile Phone by the students is not allowed.

PART-A

Answer any six questions. Each question carries equal marks.

 $[6 \times 5 = 30]$

Q1) Define pharmacognosy. Discuss the scope of pharmacognosy.

[1+4=5]

Q2) Describe in short the various systems of classification of crude drugs

[2+3=5]

Q3) Name the various methods of evaluation of crude drugs. Mention the organoleptic evaluation.

Q4) What are alkaloids? Write about the distribution and tests of identification of alkaloids

[1+4=5]

Q5) Write the biological source, Chemical constituents and therapeutic uses of any two of the following.

[21/2+21/2=5]

- a) Rauwolfia
- b) Digitalis
- c) Clove

[5]

Q6) Discuss in brief the role of medicinal plants in national economy.

[5]

Q7) Explain the basic principles involved in Ayurvedic and Homeopathic system of medicine.

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PART-B

Answer any ten questions. Each question carries equal marks. $[10 \times 3 = 30]$ Discuss the present status of pharmacognosy. [3] What is adulteration? Describe in brief the adulteration of crude drugs with examples. [1+2=3] Q3) What do you know about herbal cosmetics? 131 Write the tests of identification of glycosides. [3] Q5) Write the biological source and therapeutic uses of any two of the following. [11/2+11/2=3] Gokhru a) 6) Tulsi c) Opium Q6) Define any three of the following: [3×1=3] Cardiotonic Turmeric

Write the therapeutic and cosmetic uses of any two of the following:

[1½+1½=3]

[1½+1½=3]

[1½+1½=3]

[1½+1½=3]

[1½+1½=3]

[1½+1½=3]

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[1½+1½=3]

[1½+1½=3]

[1½+1½=3]

[1½+1½=3] b) Laxative Q7) Write the biological source and chemical constituents of an exytocic drug. Q8) Q9) Q10) Explain any two of the following: Q11) Write in short note on any two of the following. Organised and Unorganised drugs a) Chromatography b) **Tannins** c)

Multiple choice questions/Fill-in the blanks. Answer all questions. Each question carries equal marks.

 $[20 \times 1 = 20]$

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Multiple Choice Questions.

Q1)	The term	'Pharmacognosy'	was	coined	by
-	THE TEITH	Harmacognosy	WHO	Comed	U

a) R. N. Chopra

b) Pedanius Dioscorides

oc) C.A. Seydler

d) Alexander Flemming

Q2) Which of the following is an unorganised drug?

a) Vinca

(Arjuna

c) Nutmeg

d) Asafoetida

Q3) Which of the following crude drug contains alkaloid?

a) Ginger

b) Belladonna

c) Senna

d) Gelatin

Q4) Which of the following is diuretic?

a) Punarnava *

b) Ipecacuanha

c) Ephedra

d) Vasaka

Q5) Who coined the term 'Nutraceutical'?

•a) Stephen Hawking

b) Stephen Defelice

Stephen Fleming

d) Stephen king

Q6) The main chemical constituent of Garlic is.

- a) Colchicine
- c) Myristicin

b) Vasicine

Allicin

Q7) Which of the following is not an Ayurvedic formulation?

a) Asava

b). Cream

c) Bhasma

d) Gutika

Q8) Which of the following is an organised drug.

a) Acacia

b) Benzoin

c) Ginger

c) · Opium

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Q9) Who is the father of Homeopathy?			
a), Dhanvantari	b) Ha	akim Ajmal Khan	
c) Ghiya Suddin Balban	d) Sa	nmuel Hahnemann	
Q10). Sterile threads used to tie up a blood v	essel are known as:		
•a) Ligatures	b) St	utures	*
c) Surgical Dressings	d) N	one of the these	
Fill-in the blank			
Q11) Substitution using exhausted drugs is	a type ofadulter	ration.	
Q12)is a class of drugs which are	used to treat high blood pr	, ~0	113.60
Q13)partous hin, are a combination of livin	g beneficial bacteria and yea	asts that naturally live in our body.	
Q14) Absorbent cotton is the epidermal had	airs of the seeds of species of	of Regenerated NO3.	
Q15) Cinchona is andrug.coS	(D)	Amos:09:72	
Q16) Goldbeater's skin test is done for the	identification of	And I want	
Q17) Tea leaves are obtained from the pla	ant Sola nactes .		
Q18) Withania somnifera belongs to the f	amily Solanacies		
Q19) In hindi Cinnamon is known as	. elachi		
Q20) Shark liver oil is the source of Vitam			
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