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DO NOT WRITE ANYTHING ON YOUR QUESTION PAPER EXCEPT YOUR ROLL NO. QUESTION PAPER CONTAINING ANYTHING WOULD BE TREATED AS MALPRACTICE

Answer the questions serially and continuously

Subject: PHARMACOGNOSY (Theory)

- 1. Long Answer type question (Answer any six)
- a) Define the term Herbal cosmetic. Write biological source, chemical constituent, commercial preparation & cosmetic uses of Chandan.
- Discuss about the role of medicinal & aromatic plants in national economy & b) their export potential.
- Write down the methods of preparation of asava formulation. c)
- d) Define the term Nutraceuticals & classify it. Write note on spirulina.
- Describe in detail about the pharmacognostic study of wool. e)
- Write details about the Phytochemical test used for glycosides and alkaloids. f)
- Write a short note on Ergot. g)

2. Short answer type questions (answer 10 out of 11)

- Differentiate between pale catechu and black catechu. a)
- b) Write a short note on Umbelliferous fruits.
- Define stomatal number and stomatal index. c)
- Write details on scope of Pharmacognosy. d)
- Write the biological source and chemical constituents of Gokhru & Punarnava. e)
- What do you mean by refractive index ? f)
- Write short notes on Phytosomes. g)
- What are prebiotics & probiotics ? h)
- Write short notes on Carminative & G.I. regulators. i)
- Write down the basic principles of Siddha system of medicine. i)
- k) Write the biological source, chemical constituents & uses of senna.

3. Write down the biological sources of the following :

i) Isapghol	ii) Ipecac	iii) Myrrh	iv) Ashwagandha
v) Saffron	vi) Asafoetida	vii) Gum acacia	viii) Vinca
ix) Kaolin	x) Silk	xi) Artemisia	xii) Castor oil
xiii) Guggul	xiv) Squill	xv) Rauwolfia	xvi) Colchicum
xvii) Shatavari	xviii) Papaya	xix) Datura	xx) Arjuna

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Full Mark -80

D. Pharm Part - I



Time -3 hrs.

(6x5)



(1x20)

03-02-2024

2023(I) Examination

ODISHA STATE BOARD OF PHARMACY E. R. 2020