

ODISHA STATE BOARD OF PHARMACY

03-02-2024

D. Pharm Part - I

E. R. 1991

2023(I) Examination

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)

Full Mark -80

Time -3 Hrs.

(Answer any five questions including question No.1)

- (A) Write the biological source of the following crude drugs :** (10x1)

i) Cinnamon ii) Arjuna iii) Nut-meg iv) Castor oil v) Cannabis
vi) Ephedra vii) Crow-fig viii) Punarmava ix) Rhubarb x) Shark liver oil

(B) Write the important uses of following crude drugs : (10x1)

i) Guggul ii) Digitalis iii) Tulsi iv) Myrrh v) Pterocarpus
vi) Amla vii) Vinca viii) Kaolin ix) Vasaka x) Asafoetida
- Answer any Three :** (3x5)

i) Define fibre. Classify it with suitable examples. Write about the preparation of silk.
ii) Lycopodium spore method.
iii) Cultivation & collection of rouwolfia.
iv) Gross anatomical studies of Nux Vomica.
- Define alkaloid. Write the biological source, chemical constituents, identification test (1+2+2+2+8) along with life cycle of Ergot.
- Define the term crude drugs, classify it. Discuss the morphological and chemical classification of crude drug. (1+2+6+6)
- Write note on any three :** (5x3)

i) Secondary metabolites ii) Scope of Pharmacognosy
iii) Adulteration iv) Physical evaluation of crude drug with examples.
- Write notes on any three :** (5x3)

i) Identification test of Alkaloids ii) Identification test of Tannins
iii) Pharmaceutical aids iv) Perfumes and flavouring agents
- Answer any three of the followings :** (5x3)

i) Anatomical studies of clove ii) Surgical dressings
iii) Collection & preparation of Papain iv) Identification & chemical constituents of Starch

