

ODISHA STATE BOARD OF PHARMACY

31/01/2023

D. Pharm Part - I

E. R. 1991

2022(I)

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

PHARMACOGNOSY-I (Theory)

Full Mark -80

Time -3 hrs

(Answer any five questions including question No. 1)

Q1. A) Write down the chemical constituents of following crude drugs [10x1]

- | | | | | |
|--------------|---------------|------------|----------------|----------------|
| a) Guggul | b) Nux-vomica | c) Amla | d) Linseed oil | e) Ipecacuanha |
| f) Digitalis | g) Dioscorea | h) Aconite | i) Neem | j) Cannabis |

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

- | | | | | |
|------------|---------------|--------------------|----------------|-----------|
| (i) Vasaka | (ii) Vinca | (iii) Black Pepper | (iv) Arjuna | (v) Honey |
| (vi) Clove | (vii) Curcuma | (viii) Tulsi | (ix) Colchicum | (x) Agar |

Q2. Answer any three: - [5x3]

- | | |
|--------------------------------------------------|------------------------------|
| (a) Morphological classification of crude drugs. | (b) Regenerated fibre |
| (c) Classification of terpenoids | (d) Classification of resins |

Q3. Define Glycoside. Name five drugs acting on the nervous system. Write the biological sources, chemical constituents, uses along with gross anatomical study of Datura [2+3+10]

Q4. Answer any three: - [5x3]

- | | |
|--------------------------------------------------------|---------------------------------|
| (a) Source, preparation, identification & uses of Silk | (b) Lycopodium spare method |
| (c) Classification of Pharmaceutical Aids. | (d) Anatomical studies of Clove |

Q5. Write notes on (any three): [5x3]

- | | |
|---------------------------|-----------------------------------------|
| (a) Gold beater skin test | (b) Collection and preparation of Opium |
| (c) Borntrager test | (d) Keller-Kiliani test |

Q6. Write the biological source, Chemical constituents and uses of the following crude drug (Any three) [5x3]

- | | |
|-------------------|---------------------|
| (a) Black catechu | (b) Shark Liver Oil |
| (c) Cinchona | (d) Ashwagandha |

Q7. (i) Differentiate between raw cotton & absorbable cotton. [2+6+7]

(ii) Write the biological source, chemical constituents and uses along with gross anatomical studies of Fennel.

(iii) Define Resin with suitable examples. Write the Official source, chemical constituents, along with collection & preparation of Senna.
