

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)

1. (A) **Write the biological source of the following crude drugs:** (10x1=10)
- | | | | |
|---------------|----------------|----------------------|------------------|
| i. Cinnamon | ii. Tragacanth | iii. Nut-meg | iv. Crow-fig |
| v. Mentha Oil | vi. Ephedra | vii. Shark liver oil | viii. Castor oil |
| ix. Punarnava | x) Rhubarb | | |
- (B) **Write the important uses of following crude drugs:** (10x1=10)
- | | | | |
|----------|----------------|---------------|----------------------|
| i)Guggul | ii)Digitalis | iii)Coriander | iv)Gymnema sylvestre |
| v)Opium | vi)Pterocarpus | vii)Myrrh | viii)Colchium |
| ix)Senna | x)Vinca | | |
2. **Write short notes on (any three)** (3x5=15)
- Define deterioration. Write about on method of adulteration of crude drug.
 - Taxonomical & Chemical classification of crude drug.
 - History and scope of Pharmacognosy
 - Classification of Glycosides.
3. **Answer any THREE** (3x5=15)
- Define fibre. Classify it with suitable examples. Write about the preparation of silk.
 - Physical method of Evaluation.
 - Lycopodium spore method.
 - Cultivation & collection of rouwolfia.
4. Define alkaloid. Write the biological source, chemical constituents, identification test along with life cycle of Ergot. (1+2+2+2+8)
5. **Answer any FIVE** (5x3=15)
- Mayer's test & Dragendorff's test
 - Goldbeater's skin test
 - KellerKillani test
 - Liebermann burchard test
 - Shinoda test
 - Modified Borntreger's test
6. Write the **synonym, Biological source, Chemical constituent & uses** of the following crude drugs. (5x3=15)
- Ginger
 - Beeswax
 - Liquorice
 - Benzoin
 - Gum Acacia
7. **Answer all five questions** (5x3=15)
- Differentiate between organised & unorganised drug.
 - Differentiate between raw cotton & absorbable cotton.
 - Cultivation & collection of Senna.
 - Classification of Resin
 - Different types of Tannin.
