

**SIXTH SEMISTER
VIII-PAPER-I –(THEORY SYLLABUS)
CLUSTER SYSTEM
MEDICINAL CROPS**

UNIT-I:

History, importance, export and import potential, future prospects and constraints in the cultivation of medicinal crops.

Aloe: Importance, origin and distribution, botany, species and varieties, soil, climate, land preparation, propagation, crop duration, spacing and planting, manuring, irrigation, inter cultivation, harvesting, yield and chemical composition, therapeutic and pharmaceutical uses.

Aswagandha: Importance, origin and distribution, botany, species and varieties, soil, climate, land preparation, propagation, crop duration, spacing and planting, manuring, irrigation, inter cultivation, harvesting, yield and chemical composition, therapeutic and pharmaceutical uses.

UNIT-II

Rauwolfia: Importance, origin and distribution, botany, species and varieties, soil, climate, land preparation, propagation, crop duration, spacing and planting, manuring, irrigation, inter cultivation, harvesting, yield and chemical composition, therapeutic and pharmaceutical uses.

Senna: Importance, origin and distribution, botany, species and varieties, soil, climate, land preparation, propagation, crop duration, spacing and planting, manuring, irrigation, inter cultivation, harvesting, yield and chemical composition, therapeutic and pharmaceutical uses.

UNIT-III

Belladonna: Importance, origin and distribution, botany, climate propagation, harvesting, chemical constituents, therapeutic and pharmaceutical uses.

Opium Poppy: Importance, origin and distribution, botany, climate propagation, harvesting, chemical constituents, therapeutic and pharmaceutical uses.

UNIT-IV

Medicinal Yam: Importance, origin and distribution, botany, climate propagation, harvesting, chemical constituents, therapeutic and pharmaceutical uses.

Kasturi Benda: Importance, origin and distribution, botany, climate propagation, harvesting, chemical constituents, therapeutic and pharmaceutical uses.

UNIT-V

Pippali: Importance, origin and distribution, botany, climate propagation, harvesting, chemical constituents, therapeutic and pharmaceutical uses.

Glory lily: Importance, origin and distribution, botany, climate propagation, harvesting, chemical constituents, therapeutic and pharmaceutical uses.


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