

THEORY

Darjzail Advia ki shinakhat, Makhaz, hasul, mizaj, afa'l, Mua'ka wa tareeka istema'al, miqdar khurak Mudate taseer, Muzir Asrat, Musleh wa jadeed tahkikat.

(Identification, source, collection, mizaj, actions, therapeutic uses, methods of usage, dose, shelf life, adverse effects, corrective measures and recent research information of following single drugs).

Part A: Advia Nabatiya (Plant origin drugs)

- a) Abhal, Atees, Azaraqi, Adusa, Aspand, Aspaghol, Afiun, Asgandh, Asaroon, Asrol, Aftimoon, Afsanteen, Anjeer, Atrilaal, Akleelul Mulk, Aloo Bukhara, Aloo Baloo, Amla, Anar, Anjabar, Anisoon, Aslosus,
- b) Babchi, Badaward, Baboona, Badam, Badranjboya, Bartang, Babool, Barhamdandi, Baranjasif, Bazrulbang, Bisfaij, Biskhapra, Baladur, Balela, Banafsha, Buzidan, Bahman safaid, Bahman surkh, Behi dana, Bahroza, Bedanjeer, Bed mushk, Belgiri, Barahmi, Beesh
- c) Persiyaoshan, Palas papda, Panbadana, Podina
- d) Talmakhana, Tukhme Balanga, Turanj, Turb, Tamar Hindi, Toot, Tudri safaid wa siyah, Taj, Tubud
- e) Salab misri
- f) Javitri, Jozbua, Jamun, Jadwar, Juntiyana, Jawakhar, Jauz maasil
- g) Chaksu, Chiraita, Chob chini, Chob zard
- h) Habbul Aas, Habbus Salateen, Habbul qurtum, Habbul qilt, Habbul ghar, Hilteet, Hulba, Hanzal, Hina
- i) Khaksi, Khatmi, Khubbazi, Khapaza, Khurfa, Kharbaq, Khulanjan, Khayarain, Khyar shambar, Khare khashak, Kahoo, Karfis
- j) Dar hald, Dare filfil, Dar chini, Durmina Turki, Duroonaj Aqrabi, Dammul akhwain
- k) Ral Safaid, Rasut, Reetha, Rehan, Rewand chini
- l) Zarawand, Zarishk, Zaranbad, Zafaran, Zanjbeel, Zufa, Zaitoon, Zeera safed, Zeera siah, Zarnab,
- m) Sazij Hindi, Sapistan, Satawar, Suddab, Sarphoka, Sad Kufi, Saqmoonina, Sumbulut tib, Suranjan shireen, Suranjan Talkh, SadaBahar, Sahajana
- n) Shahatra, Shuqaee, Shuneez, Sheetraj Hindi
- o) Satar Farsi, Samaghe Arabi, Sandal Surkh wa safaid, Samaghe Kateera,
- p) Tabasheer
- q) Aqarqarha, Ushba, Unnab, Ood saleeb, Ood gharqi
- r) Ghariqoon, Ghafis
- s) Farfiun, Faranjmushk, Fifi Daraz, Fifi Siyah, Fifi safed
- t) Qaranful, Qinnab (bhang),

- u) Kat safed, Kateera, Kasni, Kafoor, Kakra Singhi, Kaifal, Kabab Chini, Kababah khandan, Kataan, Kasoos, Karanjawa, Kasondi, Kishneez, Kamela, Kundur, Kanghi, Kanocha, Kewda
- v) Gajar, Gaozaban, Gilo, Gule Surkh, Gule Gurhal, Gule Tesu
- w) Loban, Lodh pathani, Lahsun
- x) Mayeen Khurd wa Kalan, Malkangani, Mazoo, Marzanjosh, Maror 29mraz29, Mastagi, Muqil, Mako, Mundi, Maveez
- y) Najeel Daryae, Nilofer, Neem, Nankhawah
- z) Vaj, Halelajat, Haliyun, Heel Khurd, Heel Kalan

Part B: Advia Maadaniya (Mineral Origin Drugs)

- a) Abrak Safaid wa Siyah, Tinkar, Hazrjru Yahud
- b) Khusul hadeed, Zangar, Zaharmohra.
- c) Safeda kashghari, Sumaq, Sammul far, Sang Jarahat
- d) Shibb-e-Yamani, Shingraf, Shora Qalmi
- e) Tila, Faulad, Kibreet
- f) Gil Armani, Gile Surkh, Gau Danti
- g) Murdar, Sang, Nuqra
- h) Namakiyat, Hartal, Hirakasis

Part C: Advia Haiwaniya (Animal Origin Drugs)

- a) Abresham, Baiza Murgh, Beer Bahuti, Jund bedastar
- b) Kharateen, Kharmohra.
- c) Reg mahi, Sartan, Sange Saremahi, Saresham Mahi, Sadaf
- d) Asal, Ambar, Ambar ashab, Kafe dariya
- e) Qaranul Aiyal, Luk-e-maghsool, Marjan, Mom, Marvareed

Part D: Advia Jadeeda (Modern Drugs)

- a) Pharmacological Terminologies: Definition, Scope & Branches
- b) Routes of drug administration
- c) Introduction to Pharmacokinetics: Drug absorption, Drug metabolism, Excretion of drugs, plasma half life and doses.
- d) Introduction to Pharmacodynamics: Non Receptors and Receptor mechanism
- e) Drug Modifying factors
- f) Antiseptics and Disinfectants
- g) Introduction to Pharmacological actions, therapeutic uses, absorption, fate and excretion, doses and adverse effects of the following drugs:
- h) **Analgesics:** Narcotic and Non-narcotic analgesics, anti-inflammatory and antipyretics.
- i) **Sedatives:** hypnotics and tranquilizers.
- j) **Anesthetics:** Local, Spinal and General
- k) **Antibiotics:** Definition & Classification

- l) Chemotherapeutic Agents : Sulphonamides, tetracyclines, Penicillin, chlorophenicol and Amnioglycosidal Drugs
m) Antiprotozoals, Antivirals, Anthelmintic, Antifungal drugs
n) **Hormones:** Insulin and Thyroid hormones
o) Contraceptives
p) I.V.Fluids
q) Oral Hypoglycaemic Drugs
r) Antihypertensive Drugs

PRACTICAL

100 marks
Teaching hours-100

JUZE AMALI (PRACTICALS)

- Shanakht Advia: Demonstration of all Unani drugs prescribed in syllabus.
 - Preparing of Herbarium sheets/record book.
 - Demonstration of slides of plant (leaf, root and stem) (monocot/dicot, venations, stomatal index etc.)
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