

Your Roll No.....

M.D (ILMUL ADVIA) I YEAR ANNUAL EXAMINATION, 2016

Paper-MDI-101

Ilm Wasf ul Aqaqeer-Pharmacognosy

Time: Three Hours

Maximum Marks: 75

*(Write Roll No at the top immediately on receipt of this question paper)
Attempt all questions. All parts of question must be attempted in continuation*

Section-A

Attempt all questions

(10x2= 20)

- Define Pharmacognosy
- Write significance of quantitative microscopy
- What is stomatal index?
- Give floral formula and floral diagram of family Solanaceae OR Compositae
- Write biological source and main uses of two alkaloids containing drugs
- Draw diagram of camera lucida used in quantitative microscopy.
- Mention biological source and chemical constituents of Badyan OR Nankhuah.
- Define and classify glycosides
- Describe scope of pharmacognosy
- Differentiate between fixed oils and essential oils

Section –B

Answer all questions

(5x5=25)

- Define and classify essential oils. Add a note on Darchini
- Give Pharmacognostical account of Tukhme Katan and Badam
- Write floral characters with floral diagram of family Papaveraceae OR Apocynaceae
- Write short notes on Sadaf and Marjan
- Give classification of carbohydrates with examples

Section-C

Answer all questions

(10x3=30)

- Explain anatomical characters with suitable diagram of root and leaf
- Describe characteristic features of family Labiatae OR Umbelliferae
- Explain the factors affecting cultivation of medicinal plants