

Your Roll No.....

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

**Paper:-MDI-101**

**Ilm Wasf ul Aqaeer-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)**

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

**Section -B**

**Answer all questions**

**(5x5=25)**

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

**Section-C**

**Answer all questions**

**(10x3=30)**

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