

**M.D. (Ilmul Advia) 1<sup>st</sup> YEAR ANNUAL EXAMINATION 2017**

**Paper Code: MDI-101**

**ILM WASF UL AQAQEEER (PHARMACOGNOSY)**

Time allowed: **03 hours**

Maximum Marks: **75**

***(Write your Roll No. on the top immediately on receipt of this question paper)***

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**SECTION – A**

Answer all questions. (Maximum 20 words for each)      **10 x 2 = 20 Marks**

Q.1.

- (a) What is stomatal index ? Give formula also.
- (b) Define Pharmacognosy.
- (c) Give floral formula and floral diagram of family Umbelliferae **OR** Solanaceae.
- (d) Write biological source and uses of Datura.
- (e) Write the importance of Mucilage **OR** Gum.
- (f) Define and classify carbohydrates.
- (g) Difference between fixed oil and essential oil.
- (h) Write the uses of Mako and Kasni.
- (i) Write the biological source of Senna and Asrol.
- (j) Write the chemical constituents of Neem and Kundur.

**SECTION – B**

Answer all questions. (Maximum 100 words for each)      **5 x 5 = 25 Marks**

- Q.2. Write characteristic feature of family Apocynaceae **OR** Compositae.
- Q.3. Give Pharmacognostic description of Badiyan **OR** Dar chini
- Q.4. What are the different parameters of quantitative microscopy ?
- Q.5. Define and classify alkaloids with suitable examples.
- Q.6. Write a note on Unnab **OR** Badam.

**SECTION – C**

Answer all questions. (Maximum 300 words for each)      **3 x 10 = 30 Marks**

- Q. 7. Explain factors affecting cultivation of medicinal plants.
- Q.8. Explain anatomical feature of Root and Stem.
- Q.9. Define and classify Glycoside with examples and write a note on Anthraquinone glycosides.

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