

M.D. (Ilmul Advia) 1st YEAR ANNUAL EXAMINATION 2017

Paper Code: MDI-101

ILM WASF UL AQAQEER (PHARMACOGNOSY)

Time allowed: **03 hours**

Maximum Marks: **75**

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

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.
