

Roll No.....

**SCHOOL OF UNANI MEDICAL EDUCATION AND RESEARCH
JAMIA HAMDARD**

ANNUAL EXAMINATION (Nov-Dec. 2019)

M.D (ILMUL ADVIA) FIRST YEAR

Paper No MDI-104

Tibbi Kimya wa Mayarbandi

Time: Three hours

Maximum Marks: 75

Note: Attempt all the questions. All parts of the question must be attempted in continuation.

Section-A

Attempt all the questions

Q. No. 1(2X7.5=15)

A- What do you mean to say primary and secondary metabolites? Explain with examples.

B- Write brief notes on:

1. Cyanogenic glycosides
2. Glucosinolates

Q.No.2. Elaborate the significance of quality of control of Unani drugs. What parameters will you adopt to assess the quality of a powdered Unani drug?(15)

Q.No.3. Give a detailed note on Aflatoxins including the method of extractions and detection.(15)

Q.No.4. What are alkaloids and tannins? Give the methods of extraction of any one of two.(15)

Q.No.5. Write notes on the following(3X5=15).

(i) Cardiac glycosides

(ii) Chromatography

(iii) Application of UV-VIS spectroscopy in the quality control of Unani Drugs.