

Roll No.....

SCHOOL OF UNANI MEDICAL EDUCATION & RESEARCH

M.D. (Ilmul Advia) 1st YEAR ANNUAL EXAMINATION 2020

Paper No: MDI-104

TIBBI KIMYA WA MEARBANDI

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 Steam Distillation?
- (b) Write about moisture content.
- (c) Write about steroidal saponin.
- (d) What are the flavonoids?
- (e) What are the stationary and mobile phases of Paper Chromatography?
- (f) What are the cardioactive glycosides ?
- (g) Write about organoleptic evaluation of Unani drugs.
- (h) Write about Oleo-gum resin.
- (i) Write down two apparatus used for extraction of volatile oil and its significance.
- (j) Write importance of saponification value.

SECTION – B

Answer all questions. (Maximum 100 words for each)

5 x 5 = 25 Marks

- Q.2. Write down about general principle and techniques of chromatography.
- Q.3. Write down how to estimate and extract "Alkaloids".
- Q.4. How will you find out the Ash Value of a Drug sample?
- Q.5. Write down the techniques of HPLC and their significance.
- Q.6. Write short notes on :
 - (i) Paper chromatography
 - (ii) AAS

SECTION – C

Answer all questions. (Maximum 300 words for each)

3 x 10 = 30 Marks

- Q.7. Define adulteration and its factors affecting the quality of Unani drugs.
 - Q.8. Define how to determine Aflatoxin in Unani drugs.
 - Q.9. Define how to determine the extractive values and its importance.
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