

Roll No.....

SCHOOL OF UNANI MEDICAL EDUCATION & RESEARCH
M. D. (ILMUL ADVIA) 1ST YEAR ANNUAL EXAMINATION 2022
PAPER CODE: MDI-104
TIBBI KEMIYA WA MEYARBANDI

Time Allowed: 03 hours

Maximum Marks: 75

SECTION-A

Answer all Questions (Maximum 20 words for each)

10x2=20 Marks

Q.1

- a) What is Unintentional adulteration?
- b) Define Beer's and Lambert's Law.
- c) Define importance of Viscosity determination.
- d) What do you mean by loss on drying in relation to standardization of Unani drugs?
- e) What are Flavonoids?
- f) Define the term R_f value.
- g) Define rancidity in oils.
- h) Write the importance of organoleptic characteristics in standardization.
- i) Define Eluotropic series.
- j) Draw a labelled diagram of Soxhlet Apparatus.

SECTION- B

Answer all Questions (Maximum 100 words for each)

5x5= 25 Marks

- Q2. What are the advantages and disadvantages of Paper Chromatography over TLC?
- Q3. What does the quantity of ash in a drug indicates?
- Q4. Define spectroscopy. Briefly explain the importance of λ_{Max} in spectroscopy.
- Q5. Write a brief note on heavy metal content in herbal Unani drugs.
- Q6. Write short notes on saponification value and Iodine value.

SECTION- C

Answer all Questions (Maximum 300 words for each)

3x10= 30 Marks

- Q7. Draw schematic diagram of GLC, name its main parts and discuss its working in brief.
 - Q8. Write a brief account on aflatoxins and importance of their determination in herbal drugs.
 - Q9. Discuss in brief any two methods of extraction of Unani drugs, also give importance of extractive value as standardization parameter of Unani drugs.
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