

RAWALPINDI WOMEN UNIVERSITY

Department of Chemistry

M.Phil. Admission Test

75 MCQs from all branches of Chemistry

Time allowed 2 h.

Sample questions!

Encircle the best answer

1. What is the unit of molality?

- a. mol/cm³
- b. mol/kg
- c. mol/dm³
- d. mol/dm³/s

2. What will be the absorbance if % transmittance, T= 80?

- a. 0.5
- b. 0.05
- c. 0.097
- d. 0.97

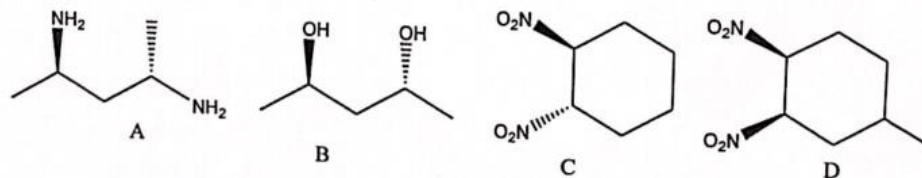
3. The human kidneys purify the blood by _____ through natural membranes

- a. Osmosis
- b. Diffusion
- c. Dialysis
- d. Emulsification

4. Which of the following is a colloidal solution?

- a. Brine solution
- b. Fog
- c. copper sulphate solution
- d. none

5. Which of the following compound is a meso compound?



- a. A
- b. B
- c. C
- d. D
- e. None of the above