## **UNIVERSITY OF THE PUNJAB**

B.S. 4 Years Program / Fifth Semester – Spring 2023

Paper: Analytical Chemistry Course Code: CHEM-307

## THE ANSWERS MUST BE ATTEMPTED ON THE ANSWER SHEET PROVIDED

Q.1. Answer the fo	ollowing short questions:	(15x2=30)
2. What is meant by quantity 3. Define mole fraction 4. What are the possible etc. 4. What are the possible etc. 5. Enlist the possible etc. 6. What the application 7. What is the different 8. What are electromated 9. What is the different 10. Enlist the methods 11. What is the main for 12. Write two limitation 13. What is the different 14. What is the different 14. What is the different 14.	n. write down its formula? le uses of F-test? lectronic transitions in a molecule. ns of Beer Lambert's law? ce between single and double beam spec	psochromic effect?  rces ?  romatography?
Answer the fo	ollowing questions.	
•	ne new developing trends in analytical cl dard deviation. What is the significance	• •
. ,,	of adsorbents and solvents can be used in ou detect colorless spots in TLC?	a Column Chromatography? (5) (5)
• • • •	mical deviation from Beer Lambert Law //Vis radiations interact of with matter?	y. (5) (5)