

Date	Group 1 & 3	Group 2 & 4	
26 / 02	Standard Solutions, pH, conductivity, ionic strength		
04 / 03	Acidity	Color, Turbidity	
11/03	Alkalinity	Solid matters	
18/03	Color, Turbidity	Acidity	
25 / 03	Solid Matters	Alkalinity	
01/04	Practice Exam – 1		
08 / 04	MIDTERM		
15 / 04	Hardness	BOD	
22 / 04	COD	Hardness	
29 / 04	BOD	COD	
06 / 05	Total Nitrogen & Total Phosphorus		
13 / 05	Practice Exam – 2		
20 / 05	No class		





• Submit your printed lab	Group No: X Date of the exp. Student 1, S2, S3, S4, S5
report in "Microsoft Office WORD" format.	Left – 1.5 cm
• Font: ARIAL	
• Font size: 10	Top – 1.5 cm
 Single space 	
• No title page.	Right – 1 cm
 If report does not follow the format, it will get -10 points. 	Bottom – 1 cm

Lab Report Outline			
	 Name of the Experiment Aim of the Experiment (5 p) Theory (15 p) Materials/instruments (5 p) Method (10 p) Data Analysis and Calculation (20 p) Discussion and Conclusions (30 p) 		
	 8. References (5 p) 9. Lab notes (10 p) 		
13.02.2020	(Lab report = max 2 pages)	6	

Lab Report

Name of the Experiment

Aim of the Experiment (5 p)

 Describe the specific objectives of the experiment. It is suggested that purpose should not exceed 2 -3 sentences and students use their own words and sentences.

Theory (15 p)

- Give the essence of the theory of the experiment conducted, excluding unnecessary details, by referring to the related references.
- Theory section should not exceed 1 page.

• Materials/instruments (5 p)

- Chemicals, glass- plastic- metal apparatus, instruments should be written.

• Method (10 p)

- Briefly and precisely, describe the methods, principles and procedures involved in the experiment conducted.
- Please do not give the details of the experiment you conducted in the lab in this section.

13.02.2020

Lab Report

- Data Analysis and Calculation (20 p)
 - First, give the data obtained from the experiment. Arrange the data in tabular and/or figurized forms as much as possible. (5 p)
 - Perform necessary calculations and summarize your findings in concise tables and graphs. Show sample calculations.
 - Number and title the tables and figures corresponding to the experiment in order to facilitate the identification.
 - Pay attention to all units and make sure the units of all outcomes are written. Show the result of the
 experiment in this part.

Discussion and Conclusions (30 p)

- Discuss the data gathered and the results obtained from the experiment in details, referring to tables, figures and etc...
- The intent is not to lead the reader through your interpretation of what happened but why it did and what it means?
- The conclusion should summarize each key outcome.

13.02.2020

8

9

Lab Report

References (5 p)

- Reference list should be given according to author surname in alphabetical order.
- If your information is from the internet, then write the full address of www page
- Lab Manual cannot be sited as a reference.
- References should be written as follows:
- Surname of the author, Initial of First name, Name of Book, Publication Company, Publication Place, Year.
 - Rogers, G.F.C, Mayhow, Y.R, Thermodynamics and Transport Properties of Fluids, 3rd Ed., Basil Blackwell, Oxford, 1982, pp. 100-105.
- Author (if any), Title of Site. URL # (accessed date), other identifying information.
 - e.g. USEPA, 2005. "document title", prepared by organization/division/branch name, web page: http://www....... (accessed on date).

• Lab notes (10 p)

- Each and every group member should take her/his own lab notes (1 page).
- At the end of the experiment, those lab notes should be signed by the lab assistant.
- The signed lab notes should be submitted with the Group's Lab Report every week.

13.02.2020























