

END TERM EXAMINATION, 2021

Department of Chemistry Chemistry Practical (PCH251)

Syllabus:

- Experiment No 1: To determine Alkalinity due to CO_3^{2-} and HCO_3^{2-}
- Experiment No 2: To determine Ferrous ion content in given water sample
- Experiment No 3: To determine Hardness in water sample
- Experiment No 4: To determine Chloride ion content in water sample
- Experiment No 5: To determine Viscosity of given sample
- Experiment No 6: To determine Surface Tension of sample
- Experiment No 7: To determine Alkalinity due to CO_3^{2-} and OH^-
- Experiment No 8: To determine Cu^{2+} content in copper ore
- Experiment No 9: To determine available chlorine in bleaching powder
- Experiment No 10: To determine strength of acid by pH meter

Pattern and schedule of write-up:

Mode	Date of exam	Timings		Experiments to write	Marks
		Write-up	PDF + upload		
LMS platform	31/07/21	5:00 PM-6:30 PM	6.30 PM-7.00 PM	2	30

Instructions for write-up:

1. Please choose the experiments (2Nos) and given readings as per your Roll No.
2. Time of write-up: 1hr; Time for making PDF and upload: 30 mins
3. It is mandatory for the students to upload the write-up on LMS Exam Portal.
4. It is Mandatory to Mention Roll No., Section and Name on answer Script (A4 sheet).
5. It is mandatory to write Aim, Requirement, Principle/Theory, Diagrams, Observation table, Calculation & Result against the experiment allotted.

Platform for VIVA: MS Teams

Marks: 20

Schedule of VIVA:

Section	Group	Date of exam	Timings
I	G1	06/08/21	9:00AM onwards
	G2		11:00AM onwards
J	G1	06/08/21	9:00AM onwards
	G2		11:00AM onwards
K	G1	06/08/21	9:00AM onwards
	G2		11:00AM onwards
L	G1	06/08/21	2:00PM onwards
	G2		2:00PM onwards
M	G1	07/08/21	9:00AM onwards
	G2		11:00AM onwards
N	G1	07/08/21	9:00AM onwards
	G2		11:00AM onwards
O	G1	07/08/21	9:00AM onwards
	G2		11:00AM onwards
P	G1	07/08/21	2:00PM onwards
	G2		2:00PM onwards

Instructions: Viva:

- Each student will be asked questions from all the experiments. The viva will be conducted by the external examiner in the presence of the subject faculty.
- Viva will be interactive and one-on-one basis.
- Students will be called by examiner; rest of the student should wait in lobby.
- Students must keep their videos ON during the viva
- The link for viva will be sent in the morning before the examination starts.

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