

Dear Students,

The following personnel protection equipment is necessary to perform experiments in the CHM 101A laboratory. You will be allowed into the laboratory only if you enter by **14:15 hrs** as set by the lab clock. So, please be on time to the lab.

1. Knee-length **lab coat**, **Safety goggles** and **shoes** (with socks).
2. You are supposed to refrain from wearing any synthetic apparel and wear only cotton clothes.
3. Please refrain from chatting in the class and using your mobile phones. Violation of mobile phone usage policy will attract a **penalty of 10 marks**. (i.e. no marks will be awarded if you are found using the cell phone during class hours and the seized cell phone will be returned only after the class. Your **mobile phones must be in switched off/silent mode**.)
4. Please wash your hands with soap and water once you leave the lab premises. **DO NOT EAT** or **DRINK** any food item in laboratory.
5. Each student must maintain a lab record (with graph paper).
6. Be careful while using lab equipment and apparatus. Please **DO NOT** fiddle/ play with laboratory properties.

Grading policy:

1. You will perform 10 experiments (one each week). Each experiment is worth 10 marks. This 100 marks will be taken as the internal assessment towards grading. The last two weeks are 'make-up' week followed by examination week respectively.
2. There will be a written quiz on **November 11, 2017** in the lecture hall complex from 10.00 AM onwards. There is no make-up for this exam in case you miss this – the instructors will conduct an oral viva voce evaluation. The written quiz is worth 50 marks.
3. The end semester exam is worth 50 marks.

Thus you will be graded based on the marks awarded out of 200.

The course has **zero tolerance** for cheating and fraud or any other academic dishonesty. **Penalty is F grade** in this course.

CHM 101 A LAB, Ist-SEM. 2017-18 ,Schedule of Experiments

DATE	DAY	GROUPS	EXPERIMENTS	INSTRUCTORS
31-07-2017	Monday	B10,B11,B12	Gen. Instruction & Issue of apparatus	Prof Gurunath
01-08-2017	Tuesday	B7,B8,B9	-----do-----	Prof Ashish
02-08-2017	Wed.day	B1,B2,B3	-----do-----	Prof M.Chandra
03-08-2017	Thursday	B4,B5,B6	-----do-----	
07-08-2017	Monday	B10,B11,B12	Aspirin Preparation	
08-08-2017	Tuesday	B7,B8,B9	Aspirin Preparation	
09-08-2017	Wed.day	B1,B2,B3	Aspirin Preparation	
10-08-2017	Thursday	B4,B5,B6	Aspirin Preparation	
14-08-2017	Monday	B10,B11,B12	Isolation & Identification of DNA	
15-08-2017	Tuesday	B7,B8,B9	Holiday (Independence day)	
16-08-2017	Wed.day	B1,B2,B3	Isolation & Identification of DNA	
17-08-2017	Thursday	B4,B5,B6	Isolation & Identification of DNA	
21-08-2017	Monday	B10,B11,B12	Extraction of caffeine from tea leaves.	
22-08-2017	Tuesday	B7,B8,B9	Extraction of caffeine from tea leaves.	
23-08-2017	Wed.day	B1,B2,B3	Extraction of caffeine from tea leaves.	
24-08-2017	Thursday	B4,B5,B6	Extraction of caffeine from tea leaves.	
28-08-2017	Monday	B10,B11,B12	Preparation of $[Ni(NH_3)_6]^{2+}$ & Ni estimation (Complexometry)	
29-08-2017	Tuesday	B7,B8,B9	Preparation of $[Ni(NH_3)_6]^{2+}$ & Ni estimation (Complexometry)	
30-08-2017	Wed.day	B1,B2,B3	Preparation of $[Ni(NH_3)_6]^{2+}$ & Ni estimation (Complexometry)	
31-08-2017	Thursday	B4,B5,B6	Preparation of $[Ni(NH_3)_6]^{2+}$ & Ni estimation (Complexometry)	
04-09-2017	Monday	B10,B11,B12	Determination of Ca in milk powder	
05-09-2017	Tuesday	B7,B8,B9	Determination of Ca in milk powder	
06-09-2017	Wed.day	B1,B2,B3	Determination of Ca in milk powder	
07-09-2017	Thursday	B4,B5,B6	Determination of Ca in milk powder	
11-09-2017	Monday	B10,B11,B12	Estimation of Iodine in Iodized common salt	
12-09-2017	Tuesday	B7,B8,B9	Estimation of Iodine in Iodized common salt	
13-09-2017	Wed.day	B1,B2,B3	Estimation of Iodine in Iodized common salt	
14-09-2017	Thursday	B4,B5,B6	Estimation of Iodine in Iodized common salt	
18-09-2017	Monday	B10,B11,B12	Mid Sem.Exam	
19-09-2017	Tuesday	B7,B8,B9	Mid Sem.Exam	
20-09-2017	Wed.day	B1,B2,B3	Mid Sem.Exam	
21-09-2017	Thursday	B4,B5,B6	Mid Sem.Exam	
25-09-2017	Monday	B10,B11,B12	Mid Sem. Recess	
26-09-2017	Tuesday	B7,B8,B9	Mid Sem. Recess	

27-09-2017	Wed.day	B1,B2,B3	Mid Sem. Recess	
28-09-2017	Thursday	B4,B5,B6	Mid Sem. Recess	
02-10-2017	Monday	B10,B11,B12	Holiday (Gandhi Jayanti)	
03-10-2017	Tuesday	B7,B8,B9	Det. of PI of glycine by PH Meter Conductometric titration of strong acid with strong base Det. Of energy of Activation Ea	
04-10-2017	Wed.day	B1,B2,B3	Det. of PI of glycine by PH Meter Conductometric titration of strong acid with strong base Det. Of energy of Activation Ea	
05-10-2017	Thursday	B4,B5,B6	Det. of PI of glycine by PH Meter Conductometric titration of strong acid with strong base Det. Of energy of Activation Ea	
09-10-2017	Monday	B10,B11,B12	Det. of PI of glycine by PH Meter Conductometric titration of strong acid with strong base Det. Of energy of Activation Ea	
10-10-2017	Tuesday	B7,B8,B9	Det. of PI of glycine by PH Meter Conductometric titration of strong acid with strong base Det. Of energy of Activation Ea	
11-10-2017	Wed.day	B1,B2,B3	Det. of PI of glycine by PH Meter Conductometric titration of strong acid with strong base Det. Of energy of Activation Ea	
12-10-2017	Thursday	B4,B5,B6	Det. of PI of glycine by PH Meter Conductometric titration of strong acid with strong base Det. Of energy of Activation Ea	
16-10-2017	Monday	B10,B11,B12	Det. of PI of glycine by PH Meter Conductometric titration of strong acid with strong base Det. Of energy of Activation Ea	
17-10-2017	Tuesday	B7,B8,B9	Det. of PI of glycine by PH Meter Conductometric titration of strong acid with strong base Det. Of energy of Activation Ea	
18-10-2017	Wed.day	B1,B2,B3	Det. of PI of glycine by PH Meter Conductometric titration of strong acid with strong base Det. Of energy of Activation Ea	
19-10-2017	Thursday	B4,B5,B6	Holiday (Diwali)	
23-10-2017	Monday	B10,B11,B12	Blue printing	
24-10-2017	Tuesday	B7,B8,B9	Blue printing	
25-10-2017	Wed.day	B1,B2,B3	Blue printing	
26-10-2017	Thursday	B4,B5,B6	Blue printing	
30-10-2017	Monday	B10,B11,B12		
31-10-2017	Tuesday	B7,B8,B9		
01-11-2017	Wed.day	B1,B2,B3		
02-11-2017	Thursday	B4,B5,B6		
06-11-2017	Monday	B10,B11,B12	Makeup	
07-11-2017	Tuesday	B7,B8,B9	Makeup	
08-11-2017	Wed.day	B1,B2,B3	Makeup	
09-11-2017	Thursday	B4,B5,B6	Makeup	

<i>13-11-2017</i>	<i>Monday</i>	<i>B10,B11,B12</i>	<i>Lab exam</i>	
<i>14-11-2017</i>	<i>Tuesday</i>	<i>B7,B8,B9</i>	<i>Lab exam</i>	
<i>15-11-2017</i>	<i>Wed.day</i>	<i>B1,B2,B3</i>	<i>Lab exam</i>	
<i>16-11-2017</i>	<i>Thursday</i>	<i>B4,B5,B6</i>	<i>Lab exam</i>	