

**SCHEME OF EXAMINATION FOR B.Sc. (HONS) IN CHEMISTRY**  
w.e.f. 2009-10, 2010-2011, 2011-12

**B.Sc. Ist (Hons.) Ist Semester**

<b>Paper No.</b>	<b>Nomenclature of the Paper</b>	<b>Hours</b>	<b>Maximum Marks</b>		<b>Time allowed</b>
			<b>Written</b>	<b>I.A.</b>	
I	Inorganic Chemistry(Theory)	45	45	5	3 hrs.
II	Physical Chemistry(Theory)	45	45	5	3 hrs.
III	Organic Chemistry(Theory)	45	45	5	3 hrs.
	*Two subsidiary subjects				
	**English Qualifying		45	5	

**B.Sc.Ist (Hons) IInd Semester**

<b>Paper No.</b>	<b>Nomenclature of the Paper</b>	<b>Hours</b>	<b>Maximum Marks</b>		<b>Time allowed</b>
			<b>Written</b>	<b>I.A.</b>	
IV	Inorganic Chemistry( Theory)	45	45	5	3 hrs.
V	Physical Chemistry (Theory)	45	45	5	3 hrs.
VI	Organic Chemistry (Theory)	45	45	5	3 hrs.
VII	Inorganic Chemistry (Practical)	90	50		4 hrs.
VIII	Physical Chemistry (Practical)	90	50		4 hrs.
IX	Organic Chemistry(Practical)	90	50		4 hrs.
	*Two subsidiary subjects				
	**English Qualifying		45	5	

**Note: Practical exams will be held at the end of 2nd Semester**

### **B.Sc. II (Hons) IIIrd Semester**

<b>Paper No.</b>	<b>Nomenclature of the Paper</b>	<b>Hours</b>	<b>Maximum Marks</b>		<b>Time allowed</b>
			<b>Written</b>	<b>I.A.</b>	
X	Inorganic Chemistry (Theory)	45	45	5	3 hrs.
XI	Physical Chemistry (Theory)	45	45	5	3 hrs.
XII	Organic Chemistry (Theory)	45	45	5	3 hrs.
	*Two subsidiary subjects				

### **B.Sc. II (Hons) IVth Semester**

<b>Paper No.</b>	<b>Nomenclature of the Paper</b>	<b>Hours</b>	<b>Maximum Marks</b>		<b>Time allowed</b>
			<b>Written</b>	<b>I.A.</b>	
XIII	Inorganic Chemistry (Theory)	45	45	5	3 hrs.
XIV	Physical Chemistry (Theory)	45	45	5	3 hrs.
XV	Organic Chemistry (Theory)	45	45	5	3 hrs.
XVI	Inorganic Chemistry (Practical)	90	50		4 hrs.
XVII	Physical Chemistry (Practical)	90	50	10	4 hrs.
XVIII	Organic Chemistry (Practical)	90	50	10	4 hrs.
	*Two subsidiary subjects				

**Note: Practical exams will be held at the end of 4<sup>th</sup> Semester**

### **B.Sc. IIIrd (Hons.) Vth Semester**

<b>Paper No.</b>	<b>Nomenclature of the Paper</b>	<b>Hours</b>	<b>Maximum Marks</b>		<b>Time allowed</b>
			<b>Written</b>	<b>I.A.</b>	
XIX	Inorganic Chemistry-I (Theory)	45	45	5	3 hrs.
XX	Inorganic Chemistry-II (Theory)	45	45	5	3 hrs.
XXI	Physical Chemistry-I (Theory)	45	45	5	3 hrs.
XXII	Physical Chemistry-II (Theory)	45	45	5	3 hrs.
XXIII	Organic Chemistry-I (Theory)	45	45	5	3 hrs.
XXIV	Organic Chemistry-II (Theory)	45	45	5	3 hrs.

### B.Sc. III (Hons) VIth Semester

Paper No.	Nomenclature of the Paper	Hours	Maximum Marks		Time allowed
			Written	I.A.	
XXV	Inorganic Chemistry-I (Theory)	45	45	5	3 hrs.
XXVI	Inorganic Chemistry-II (Theory)	45	45	5	3 hrs.
XXVII	Physical Chemistry-I (Theory)	45	45	5	3 hrs.
XXVIII	Physical Chemistry-II (Theory)	45	45	5	3 hrs.
XXIX	Organic Chemistry-I (Theory)	45	45	5	3 hrs.
XXX	Organic Chemistry-II (Theory)	45	45	5	3 hrs.
XXXI	Inorganic Chemistry (Practical)	180	100		6 hrs.
XXXII	Physical Chemistry (Practical)	180	100		6 hrs.
XXXIII	Organic Chemistry (Practical)	180	100		6 hrs.

**Note: Practical exams will be held at the end of 6<sup>th</sup> Semester**

- Each student will opt two subsidiary subjects from - Physics, Mathematics, Statistics, Botany & Zoology in B.Sc. (Hons.) I, II, III & IVth Semesters and their syllabi will be same as those of corresponding B.Sc. Pass Course subjects.
- \*\* English (qualifying) papers syllabi will be same as those of B.Sc. Ist & IInd Semester Pass Course papers.**