



1 University of Mumbai  
St. Xavier's College – Autonomous  
Mumbai

No. SXC/A



2  
Degree : Bachelor of Science  
Semester : I  
Name of the Candidate : 4

Month & Year of Examination : October, 2011

Unique I. D. No. :

Roll No. :

No.	Subjects	Course Code	CIA			END SEMESTER EXAM			TOTAL			CREDITS EARNED	GRADE	GRADE POINT
			Max. Marks	Min. Marks	Marks Awarded	Max. Marks	Min. Marks	Marks Awarded	Max. Marks	Min. Marks	Marks Awarded			
1.	Fundamentals Of Biochem & Analytical Techniques	S.LSC.I.01	40	—	36	60	21	43	100	40	79	2	A+	3.67
	Genetics And Evolution	S.I.SC.I.02	40	—	32	60	21	44	100	40	76	2	A+	3.67
	Life Science Practicals	S.LSC.I.PR	40	—	32	60	21	42	100	40	74	2	A	3.33
2.	Basic Chemistry I	S.CHE.I.01	40	—	37	60	21	46	100	40	83	2	A+	3.67
	Basic Chemistry II	S.CHE.I.02	40	—	36	60	21	41	100	40	77	2	A+	3.67
	Chemistry Practicals	S.CHE.I.PR	40	—	29	60	21	59	100	40	88	2	A++	4.00
3.	Mechanics And Sound	S.PHY.I.01	40	—	26	60	21	25	100	40	51	2	C+	2.33
	Electricity And Atomic Physics	S.PHY.I.02	40	—	32	60	21	48	100	40	80	2	A+	3.67
	Physics Practicals	S.PHY.I.PR	40	—	34	60	21	45	100	40	79	2	A+	3.67
4.	Environmental Studies	S.SPC.I.01	40	—	24	60	21	31	100	40	55	3	B	2.67
													S. G. P. A.	3.40
													C. G. P. A.	3.40
Semester I Result : DISTINCTION			Total Credits Awarded : 21			Attendance Grade : A+								

AB : Absent, # : 0.229

8

April, 2012

Controller of Examinations

N.S. Maru  
CERTIFIED TRUE COPY  
Traynor Mascarenhas  
Vice Principal  
PRINCIPAL  
ST. XAVIER'S COLLEGE,  
MUMBAI - 400 091.



Traynor Mascarenhas  
Principal

1. Name of the university/college
2. Name of the program
3. Semester number
4. Name and registration number of the student
5. Code, title, credits and maximum marks for each course taken during the semester
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10. Cumulative grade point average (CGPA)



1 University of Mumbai  
St. Xavier's College – Autonomous  
Mumbai

No. SXC/A



OBW

2  
Degree : Bachelor of Science  
3 Semester : II  
Name of the Candidate : 4

Statement of Grades

Month & Year of Examination : March, 2012

Unique I. D. No. :

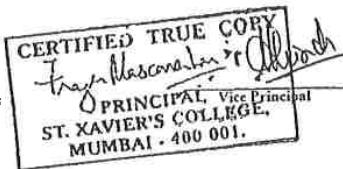
Roll No. :

No.	Subjects	Course Code	CIA			END SEMESTER EXAM			TOTAL			CREDITS EARNED	GRADE	GRADE POINT
			Max. Marks	Min. Marks	Marks Awarded	Max. Marks	Min. Marks	Marks Awarded	Max. Marks	Min. Marks	Marks Awarded			
1.	Cell Biology	S.LSC.2.01	40	8	23	60	21	43	100	40	66	2	B+	3.00
	Fundamentals Of Microbiology	S.LSC.2.02	40	8	30	60	21	36	100	40	66	2	B+	3.00
	Life Science Practicals	S.LSC.2.PR	40	8	30	60	21	48	100	40	78	2	A+	3.67
2.	Basic Chemistry III	S.CHE.2.01	40	8	33	60	21	48	100	40	81	2	A+	3.67
	Basic Chemistry IV	S.CHE.2.02	40	8	31	60	21	45	100	40	76	2	A+	3.67
	Chemistry Practicals	S.CHE.2.PR	40	8	38	60	21	53	100	40	91	2	A++	4.00
3.	Heat and Optics	S.PHY.2.01	40	8	28	60	21	41	100	40	69	2	B+	3.00
	Electronics And Nuclear Physics	S.PHY.2.02	40	8	32	60	21	39	100	40	71	2	A	3.33
	Physics Practicals	S.PHY.2.PR	40	8	34	60	21	40	100	40	74	2	A	3.33
4.	Giving Voice to Values	S.SPC.2.01	40	8	29	60	21	37	100	40	66	3	B+	3.00
			Total Credits Awarded : 21			Attendance Grade : A+						S. G. P. A.	3.35	
												C. G. P. A.	3.37	
	Semester I Result : DISTINCTION	Semester II Result : DISTINCTION	OVERALL RESULT : PASSED									9		10

AB : Absent, # : 0.229

April, 2012

2  
N.S. Marley  
Controller of Examinations



1. Name of the university/college
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No. SXC/A



**1 University of Mumbai  
St. Xavier's College – Autonomous  
Mumbai**

OBW

**Statement of Grades**

Month &amp; Year of Examination : October, 2012

Unique I. D. No. :

Roll No. :

Degree : Bachelor of Science  
Semester : III  
Name of the Candidate : 4

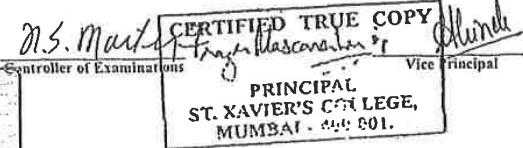
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No.	Subjects	Course Code	CIA			END SEMESTER EXAM			TOTAL			CREDITS EARNED	GRADE	GRADE POINT
			Max. Marks	Min. Marks	Marks Awarded	Max. Marks	Min. Marks	Marks Awarded	Max. Marks	Min. Marks	Marks Awarded			
1.	Comparative Physiology I	S.LSC3.01	40	8	27	60	21	44	100	40	71	2	A	3.33
2.	Enzymes And Metabolic Pathways	S.LSC3.02	40	8	31	60	21	42	100	40	73	2	A	3.33
3.	Microbes & Human Health	S.LSC3.03	40	8	32	60	21	43	100	40	75	2	A+	3.67
4.	Life Science Practicals	S.LSC3.PR	60	12	49	90	31	69	150	60	118	3	A+	3.67
5.	Physical & Analytical Chemistry - I	S.CHE3.01	40	8	31	60	21	54	100	40	85	2	A++	4.00
6.	Inorganic And Industrial Chemistry I	S.CHE3.02	40	8	33	60	21	46	100	40	79	2	A+	3.67
7.	Organic And Industrial Chemistry-I	S.CHE3.03	40	8	34	60	21	50	100	40	84	2	A+	3.67
8.	Chemistry Practicals	S.CHE3.PR	60	12	58	90	31	73	150	60	131	3	A++	4.00
9.	Scientific Communication Skills	S.SCS3.01	20	4	15	30	10	24	50	20	39	1	A++	4.00
10.	Special Course : Human Rights	S.SPC3.01	40	8	32	60	21	34	100	40	66	3	B+	3.00
Total Credits Awarded : 22			Attendance Grade : A+			S. G. P. A. : 3.61			C. G. P. A. : 3.45					
Semester III Result : DISTINCTION			8											

AB : Absent, # : 0.229

*Frayer Mascarenhas*  
Principal

1. Name of the university/college
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1 University of Mumbai  
St. Xavier's College – Autonomous  
Mumbai

No. SXC/A



OBW

2

Degree : Bachelor of Science  
Semester : IV  
Name of the Candidate : 4

5

6

7

Month & Year of Examination : April, 2013  
Unique I. D. No. :  
Roll No. :

No.	Subjects	Course Code	CIA			END SEMESTER EXAM			TOTAL			CREDITS EARNED	GRADE	GRADE POINT
			Max. Marks	Min. Marks	Marks Awarded	Max. Marks	Min. Marks	Marks Awarded	Max. Marks	Min. Marks	Marks Awarded			
1.	Comparative Physiology 2	S.LSC4.01	40	8	29	60	21	42	100	40	71	2	A	3.33
2.	Molecular Biology	S.LSC4.02	40	8	24	60	21	51	100	40	75	2	A+	3.67
3.	Biostatistics And Population Genetics	S.LSC4.03	40	8	24	60	21	45	100	40	69	2	B+	3.00
4.	Life Science Practicals	S.LSC4.PR	60	12	49	90	31	70	150	60	119	3	A+	3.67
5.	Physical And Analytical Chemistry 2	S.CHE4.01	40	8	29	60	21	50	100	40	79	2	A+	3.67
6.	Inorganic And Industrial Chemistry 2	S.CHE4.02	40	8	31	60	21	52	100	40	83	2	A+	3.67
7.	Organic And Industrial Chemistry 2	S.CHE4.03	40	8	30	60	21	55	100	40	85	2	A++	4.00
8.	Chemistry Practicals	S.CHE4.PR	60	12	39	90	31	85	150	60	124	3	A+	3.67
9.	Scientific Communication Skills	S.SCS4.01	20	4	17	30	10	20	50	20	37	1	A++	4.00
10.	Management Acct & Invest Portfolio Mgmt	S.SPC4.01	40	8	39	60	21	47	100	40	86	3	A++	4.00
8														
Total Credits Awarded : 22 Attendance Grade : A+														
Qualifies For Semester 5														
Semester III Result : DISTINCTION			Semester IV Result : DISTINCTION			OVERALL RESULT : PASSED								

AB : Absent, # : 0.229

April, 2013

Controller of Examinations

GERTIFIED TRUE COPY  
Frayer Mescaralai  
PRINCIPAL  
ST. XAVIER'S COLLEGE  
MUMBAI - 400 010  
Date: 10/05/2013

Frayer Mescaralai  
Principal

9  
10

1. Name of the university/college
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1 University of Mumbai  
St. Xavier's College – Autonomous  
Mumbai  
STATEMENT OF GRADES

No. SXC/B



OBW

2

Degree : Bachelor of Science  
Semester : V  
Name of the Candidate :

4

5

6

Month &amp; Year of Examination : October, 2013

Unique I. D. No. :

Roll No. :

7

No.	Subjects	Course Code	CIA			END SEMESTER EXAM			TOTAL			CREDITS EARNED	GRADE	GRADE POINT												
			Max. Marks	Min. Marks	Marks Awarded	Max. Marks	Min. Marks	Marks Awarded	Max. Marks	Min. Marks	Marks Awarded															
1.	Genetics	S.I.SC.5.01	40	8	26	60	21	52	100	40	78	4	A+	3.67												
2.	Developmental Biology	S.I.LSC.5.02	40	8	31	60	21	47	100	40	78	4	A+	3.67												
3.	Life Science Practicals - ( Dm )	S.I.LSC.5.PR3	40	8	29	60	21	51	100	40	80	4	A+	3.67												
4.	Cells And Biomolecules	S.BCH.5.01	40	8	22	60	21	55	100	40	77	4	A+	3.67												
5.	Nutrition & Metabolism	S.BCH.5.02	40	8	35	60	21	53	100	40	88	4	A++	4.00												
6.	Biochemistry Practicals	S.BCH.5.PR	40	8	32	60	21	58	100	40	90	4	A++	4.00												
7.	Introduction To Neuroscience	S.CHE.5.AC.01	40	8	34	60	21	53	100	40	87	4	A++	4.00												
8.																										
9.	Applied Component Practicals	S.CHE.5.AC.PR	20	4	18	30	10	25	50	20	43	2	A++	4.00												
			Total Credits Awarded : 30			Attendance Grade : A+			S. G. P. A. 3.82			C. G. P. A. 3.59														
Qualifies For Semester 6																										
Semester V Result : DISTINCTION																										

AB : Absent, # : 0.229

December, 2013

11.5.2013 CERTIFIED TRUE COPY  
N.S. Mistry - Fray Nascarella  
Controller of Examinations  
Principal

Fray Nascarella  
Principal

1. Name of the university/college
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1 University of Mumbai  
St. Xavier's College – Autonomous

No. SXC/B



OBW

2  
Mumbai  
Statement of Grades

Month & Year of Examination : March, 2014

Unique I. D. No. :

Roll No. :

3

Degree : Bachelor of Science

Semester : VI

Name of the Candidate :

4

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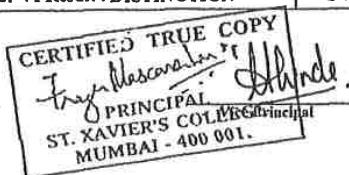
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No.	Subject	Course Code	CIA			END SEMESTER EXAM			TOTAL			CREDITS EARNED	GRADE	GRADE POINT
			Max. Marks	Min. Marks	Marks Awarded	Max. Marks	Min. Marks	Marks Awarded	Max. Marks	Min. Marks	Marks Awarded			
1.	Immunology	S.LSC.6.01	40	8	23	60	21	46	100	40	69	4	B+	3.00
2.	Neurobiology	S.LSC.6.02	40	8	33	60	21	44	100	40	77	4	A+	3.67
3.	Life Science Practicals - ( Dim )	S.LSC.6.PR3	40	8	30	60	21	44	100	40	74	4	A	3.33
4.	Bioanalytical Chemistry	S.BCH.6.01	40	8	33	60	21	50	100	40	83	4	A+	3.67
5.	Metabolism, Clinical Biochem & Pharmacology	S.BCH.6.02	40	8	30	60	21	49	100	40	79	4	A+	3.67
6.	Biochemistry Practicals	S.BCH.6.PR	40	8	34	60	21	55	100	40	89	4	A++	4.00
7.	Drugs & Color Chemistry	S.CHE.6.AC.01	40	8	31	60	21	40	100	40	71	4	A	3.33
8.	Applied Component Practicals	S.CHE.6.AC.PR	20	4	20	30	10	22	50	20	42	2	A+	3.67
Total Credits Awarded : 30														
Attendance Grade : A														
9														
10														
Semester V Result : DISTINCTION			Semester VI Result : DISTINCTION			OVERALL RESULT :			DEGREE COMPLETED					

AB : Absent, # : 0.229

May, 2014

N.S. Minty  
Controller of Examinations



Troy Mascarenhas  
Principal

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**1 University of Mumbai  
St. Xavier's College - Autonomous  
Mumbai**

WES 876  
World Education Services  
Revd. Directly From Institution

STATEMENT OF CONSOLIDATED GRADES

OBW

Course Code	Subject	Name	Unique I.D. No.	Course	Years of Study				Medium of Instruction	English										
					Max Marks	Marks Awarded	Credits Earned	Grades			Max Marks	Marks Awarded	Credits Earned	Grades						
<b>SEMESTER - I</b>																				
S.CHE.1.01	Basic Chemistry I	100	83	2	A+	Oct-11	S.CHE.2.01	Basic Chemistry III	100	81	2	A+	Apr-12	S.CHE.3.01	Physical Chemistry - I	100	85	2	A++	Oct-12
S.CHE.1.02	Basic Chemistry II	100	77	2	A+	Oct-11	S.CHE.2.02	Basic Chemistry IV	100	76	2	A+	Apr-12	S.CHE.3.02	Inorganic Chemistry - I	100	79	2	A+	Oct-12
S.CHE.1.03	Chemistry Practicals	100	88	2	A++	Oct-11	S.CHE.2.PR	Chemistry Practicals	100	91	2	A++	Apr-12	S.CHE.3.03	Organic Chemistry - I	100	84	2	A+	Oct-12
S.LSC.1.01	Biochemistry	100	79	2	A+	Oct-11	S.LSC.2.01	Cell Biology	100	66	2	B+	Apr-12	S.CHE.3.PH	Chemistry Practicals	150	131	3	A++	Oct-12
S.LSC.1.02	Genetics	100	76	2	A+	Oct-11	S.LSC.2.02	Microbiology	100	66	2	B+	Apr-12	S.LSC.3.01	Comparative Physiology - I	100	71	2	A	Oct-12
S.LSC.1.03	Life Science Practicals	100	74	2	A	Oct-11	S.LSC.2.PR	Life Science Practicals	100	78	2	A+	Apr-12	S.LSC.3.02	Enzymes	100	73	2	A	Oct-12
S.PHY.1.01	Mechanics And Sound	100	51	2	C+	Oct-11	S.PHY.2.01	Heat and Optics	100	69	2	B+	Apr-12	S.LSC.3.03	Microbes & Human Health	100	75	2	A+	Oct-12
S.PHY.1.02	Electricity	100	80	2	A+	Oct-11	S.PHY.2.02	Electronics	100	71	2	A	Apr-12	S.LSC.3.PR	Life Science Practicals	150	118	3	A+	Oct-12
S.PHY.1.03	Physics Practicals	100	79	2	A+	Oct-11	S.PHY.2.PR	Physics Practicals	100	74	2	A	Apr-12	S.SCS.3.01	Scientific Communication	50	39	1	A+	Oct-12
S.SPC.1.01	Environmental Studies	100	55	3	B	Oct-11	S.SPC.2.01	Giving Voice to Values	100	68	3	B+	Apr-12	S.SPC.3.01	Human Rights	100	66	3	B+	Oct-12
SGPA	3.4			SGPA	3.35			SGPA	3.61				SGPA	3.61						
<b>SEMESTER - IV</b>																				
S.CHE.4.01	Analytical Chemistry - II	100	79	2	A+	Apr-13	S.BCH.5.01	Cells and Biomolecules	100	77	4	A+	Oct-13	S.BCH.6.01	Bioanalytical Chemistry	100	83	4	A+	Mar-14
S.CHE.4.02	Inorganic Chemistry - II	100	83	2	A+	Apr-13	S.BCH.5.02	Nutrition & Metabolism	100	88	4	A++	Oct-13	S.BCH.6.02	Metabolism	100	79	4	A+	Mar-14
S.CHE.4.03	Organic Chemistry - II	100	65	2	A++	Apr-13	S.BCH.5.PR	Biochemistry Practicals	100	90	4	A++	Oct-13	S.BCH.6.PR	Biochemistry Practicals	100	89	4	A++	Mar-14
S.CHE.4.PR	Chemistry Practicals	150	124	3	A++	Apr-13	S.CHE.5.AC.01	Introduction to Neuroscience	100	87	4	A++	Oct-13	S.CHE.6.AC.01	Drugs & Color Chemistry	100	71	4	A	Mar-14
S.LSC.4.01	Comparative Physiology - II	100	71	2	A	Apr-13	S.LSC.5.01	Practicals	50	43	2	A++	Oct-13	S.CHE.6.AC.PR	Practicals	50	42	2	A+	Mar-14
S.LSC.4.02	Molecular Biology	100	75	2	A+	Apr-13	S.LSC.5.01	Genetics	100	76	4	A+	Oct-13	S.LSC.6.01	Immunology	100				
S.LSC.4.03	BioStatistics	100	69	2	B+	Apr-13	S.LSC.5.02	Developmental Biology	100	78	4	A+	Oct-13	S.LSC.6.02	Neurobiology	100	77	4	A+	Mar-14
S.LSC.4.04	Life Science Practicals	150	119	3	A+	Apr-13	S.LSC.5.PR3	Life Science Practicals	100	80	4	A+	Oct-13	S.LSC.6.PR3	Life Science Practicals	100	74	4	A	Mar-14
S.SCS.4.01	Scientific Communication	50	37	1	A	Apr-13														
S.SPC.4.01	Special Course	100	66	3	A++	Apr-13														
SGPA	3.07			SGPA	3.62			SGPA	3.53											
Academic Credits		Additional Mandatory Non-Academic Credits				Optional Additional Credit														
Result	No.	C.G.P.A.	1) Social Involvement Programme		2 Credits	Cleared	Fieldwork / Project / Internship		1 Credit											
PASSED	146	3.58	2) Extra Curricular		2 Credits	A														
TOTAL CREDITS : 150																				
CONTROLLER OF EXAMINATIONS																				
10. M. Martin																				
CERTIFIED TRUE COPY by [Signature] PRINCIPAL ST. XAVIER'S COLLEGE, Mumbai - 400 001.																				
Principals [Signature]																				

- Name of the university/college
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**KEY TO STATEMENT OF GRADES**

<i>Percentage</i>	<i>Letter Grade</i>	<i>Grade Points</i>	<i>Interpretation</i>	<i>Class</i>
Greater than or equal to 85	A++	4	Outstanding	Distinction
Greater than or equal to 75 but less than 85	A+	3.67	Excellent	Distinction
Greater than or equal to 70 but less than 75	A	3.33	Very Good	Distinction
Greater than or equal to 60 but less than 70	B+	3	Good	First Class
Greater than or equal to 55 but less than 60	B	2.67	Average	Second Class
Greater than or equal to 50 but less than 55	C+	2.33	Below Average	Second Class
Greater than or equal to 45 but less than 50	C	2	Pass	Pass Class
Greater than or equal to 40 but less than 45	D	1	Pass	Pass Class
Less than 40	F	0	Fail	

S.G.P.A – Semester Grade Point Average

C.G.P.A – Cumulative Grade Point Average



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## 1 University of Mumbai St. Xavier's College – Autonomous Mumbai

## **PASSING CERTIFICATE**

VID No.:

13<sup>th</sup> June, 2014



This is to certify that MISS. **4**  
**2** has  
PASSED THE B.Sc. DEGREE in LIFE SCIENCES AND  
BIOCHEMISTRY under the Autonomous System (Semester based -  
Three Year Degree Course) from St. Xavier's College - Autonomous,  
affiliated to the University of Mumbai and has completed her sixth and  
final semester examinations in the month of MARCH, 2014 securing  
an overall C. G. P. A. of 3.58 out of 4.0. She has secured a  
**DISTINCTION.** **10**

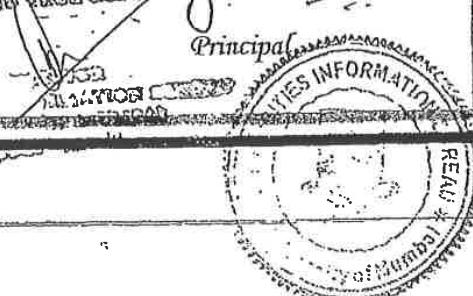
D.S. Master  
Controller of Examinations

**Controller of Examinations**

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Frager Moscow Jan 5th

Principi



1. Name of the university/college	5. Code, title, credits and maximum marks for each course taken during the semester	8. The total credits, total marks (max. & awarded) and total semester credit points
2. Name of the program	6. Internal, external and total marks awarded	9. Semester grade point average (SGPA) and corresponding grade
3. Semester number	7. Grade, grade point and credit point allocation for each course taken	10. Cumulative grade point average (CGPA)
4. Name and registration number of the student		