

NUPC 20- 0 7 4 5 6 8 1

National University

Bangladesh



PROVISIONAL CERTIFICATE

22N1E28W049959



Roll No. : 2087648

Regn.No. : 18228123660

Session. : 2018-19

Bachelor of Science

This is to certify that

Humayra Tasmin

Son/Daughter of

Md. Mahin Uddin

and

Shamim Tasmin Tani

of

Rajshahi College, Rajshahi

obtained

Bachelor of Science

(Honours) degree

in

Chemistry

under National University in the examination

of

2022

with CGPA

3.56

out of 4.00.

National University, Bangladesh.

Date of Issue: January 07, 2025

Controller of Examinations

Enamul

Signature
স্বাক্ষর (স্বাক্ষর নম্বর)
কর্তৃপক্ষ: সনাক্তকৃত
কর্তৃপক্ষ: সনাক্তকৃত
কর্তৃপক্ষ: সনাক্তকৃত



GRADING SYSTEM		
Numerical grade	Letter Grade	Grade Point
80% and Above	A+	4.00
75% to less than 80%	A	3.75
70% to less than 75%	A-	3.50
65% to less than 70%	B+	3.25
60% to less than 65%	B	3.00
55% to less than 60%	B-	2.75
50% to less than 55%	C+	2.50
45% to less than 50%	C	2.25
40% to less than 45%	D	2.00
Below 40%	F	0.00

Lett: NU/Con/Certi/Trans/2204/2022/00073484(1) ACADEMIC TRANSCRIPT

Name of the Student : HUMYRA YEASMIN
 Father's Name : MD. SHAHIN UDDIN
 Mother's Name : SHARMIN YEASMIN SIMI
 Name of Institution : RAJSHAHI COLLEGE, RAJSHAHI
 Entry Qualification : HSC (HIGHER SECONDARY CERTIFICATE EXAMINATION) OR EQUIVALENT
 Degree Conferred : BACHELOR OF SCIENCE
 Discipline/Subject : CHEMISTRY
 Duration of Course : 04 (Four) Year (Honours)
 Examination Roll No. : 2087648
 Registration No. : 18228123660
 Session : 2018-19
 Year of Passing : 2022
 Earned Credit : 128 Out of 128
 CGPA : 3.56 Out of 4.00

Academic Attainments

YEAR	COURSE CODE	COURSE TITLE	CREDIT	LETTER GRADE	YEAR GPA
1ST	211501	HISTORY OF THE EMERGENCE OF INDEPENDENT BANGLADESH	4	B+	3.77
	212707	PHYSICS-I	4	B+	
	212709	PHYSICS-II	2	A	
	212801	PHYSICAL CHEMISTRY-I	3	A+	
	212803	FUNDAMENTALS OF ORGANIC CHEMISTRY	3	A+	
	212805	FUNDAMENTALS OF INORGANIC CHEMISTRY	3	A+	
	212806	CHEMISTRY PRACTICAL: QUALITATIVE INORGANIC ANALYSIS, INORGANIC PREPARATIONS	3	A+	
	213709	FUNDAMENTALS OF MATHEMATICS	4	A+	
2ND	213711	CALCULUS-I	2	A+	3.18
	222707	PHYSICS-III (ELECTRICITY AND MODERN PHYSICS)	4	B+	
	222708	PHYSICS-IV (PHYSICS PRACTICAL)	2	A+	
	222801	PHYSICAL CHEMISTRY-II	4	B-	
	222803	ORGANIC CHEMISTRY	4	B	
	222805	CHEMISTRY OF THE REPRESENTATIVE ELEMENTS	4	B	
	222806	QUANTITATIVE INORGANIC ANALYSIS (PRACTICAL)	4	B	
	223707	CALCULUS-II	4	B+	
3RD	223708	MATH LAB (PRACTICAL)	2	A+	3.69
	232801	PHYSICAL CHEMISTRY-III	4	A+	
	232803	STEREOCHEMISTRY	4	B	
	232805	ADVANCED CONCEPTS OF ATOMIC STRUCTURE AND CHEMICAL BONDING	4	A	
	232807	COORDINATION CHEMISTRY AND ORGANOMETALLIC CHEMISTRY	4	A	
	232809	FUNDAMENTALS OF ANALYTICAL CHEMISTRY	4	A-	
	232811	INDUSTRIAL CHEMISTRY	4	A-	
	232813	AGRICULTURAL CHEMISTRY	4	A+	
4TH	232814	PHYSICAL CHEMISTRY PRACTICAL	2	A+	3.58
	232816	ORGANIC CHEMISTRY PRACTICAL	2	A+	
	242801	PHYSICAL CHEMISTRY-IV	4	B+	
	242803	SELECTED TOPICS IN ORGANIC CHEMISTRY	4	A-	
	242805	SELECTED TOPICS IN INORGANIC CHEMISTRY	4	A-	
	242807	NUCLEAR CHEMISTRY	4	A	
	242809	ORGANIC POLYMERS	4	A-	
	242811	REACTION MECHANISM	4	A-	
	242813	SEPARATION TECHNIQUES	4	B+	
	242815	CHEMICAL SPECTROSCOPY	4	A-	
2ND	242816	PRACTICAL CHEMISTRY (ORGANIC)	2	A+	
	242818	PRACTICAL CHEMISTRY (INDUSTRIAL)	2	A+	
2ND	242820	VIVA-VOCE	4	A+	
	221109	ENGLISH (NON CREDIT)		PASS	



Result Published Date : NOVEMBER 17, 2024

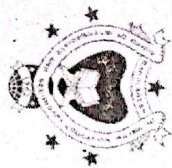
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১৮/১১/২০২৪
 ১৮/১১/২০২৪
 নিম্নলিখিত (সিদ্ধান্ত) নীতি
 আইডি নং-১৮১৩৬১৪১০৬৪
 প্রজ্ঞাপন, ইয়াসমিন বিভাগ
 রাজশাহী কলেজ, রাজশাহী

Controller of Examinations
 National University, Gazipur, Bangladesh
 E-mail: controller@nu.ac.bd

Board of Intermediate and Secondary Education Rajshahi Bangladesh

RBCC Serial No. 180-000711
Serial No. RB 17- 0113878



Roll No. 100135
Registration No. 1312603275/2016-17
Code & Centre 101 - Rajshahi-1

Higher Secondary Certificate Examination - 2018

This is to certify that
Munira Tasmin
son/daughter of

Md. Masin Uddin and Masmin Tasmin Tami
of

Rajshahi Govt. Women's College, Rajshahi
duly passed the Higher Secondary Certificate Examination in

Science group

held in the month of April-May, 2018 securing **33A** 5.00 in the scale of 5.00.

Date of passing: Rajshahi, July 19, 2018.

Controller of Examinations

১৯ জুলাই ২০১৮
স্বাক্ষরিত
কর্তৃপক্ষ (সাধারণ শিক্ষা)
ডায়েরি নং-১৮১৩৬১৪২০৬৪
প্রাতিষ্ঠান: রাজশাহী বিশ্ববিদ্যালয়
রাজশাহী

Board of Intermediate and Secondary Education Rajshahi Bangladesh

Serial No. RB 17

0049875



HIGHER SECONDARY CERTIFICATE EXAMINATION - 2018

Letter Grade	Class Interval(%)	Grade Point
A+	80 - 100	5
A	70 - 79	4
A-	60 - 69	3.5
B	50 - 59	3
C	40 - 49	2
D	33 - 39	1
F	0 - 32	0

Rhs. 180-000711

ACADEMIC TRANSCRIPT

Name of Student : Kumgra Yeasmin
 Father's Name : Md. Shahin Uddin
 Mother's Name : Sharmin Yeasmin Sini
 Name of Institution : 1050 - Rajshahi Govt. Women's College, Rajshahi
 Name of Centre : 101 - Rajshahi-1
 Roll No. : 100135 Registration No. : 1312603275/2016-17
 Group : Science Type : Regular

Sl.No.	Name of Subjects	Marks Obtained	Letter Grade	Grade Point	GPA (Without additional subj.)	GPA
1	Bangla	172	A +	5	4.67	5.00
2	English	177	A +	5		
3	Physics	144	A	4		
4	Chemistry	164	A +	5		
5	Higher Mathematics	146	A	4		
6	Information & Communication Technology	082	A +	5		
Additional subject :						
7	Biology	153	A	4	GP Above 2	
					2.00	

Date of publication of results: Rajshahi, July 19, 2018.

Controller of Examinations

Board of Intermediate and Secondary Education Rajshahi

Bangladesh

RBCC Serial No. 160-004394
Serial No. RB 15- 0012472



Roll No. 102273
Registration No. 1312603275/2014-15
Centre 104 - Rajshahi - D

Secondary School Certificate Examination - 2016

This is to certify that
Humyra Haemin
son/daughter of

Mr. Mahin Uddin and Haemin Haemin Soni
of

River View College School, Rajshahi
successfully passed the Secondary School Certificate Examination in
Science group

held in the month of February-March, 2016 securing ~~5.00~~ 5.00 in the scale of 5.00.

The date of his/her birth is
Twenty Sixth August Two Thousand One.

Date of passing: Rajshahi, May 11, 2016.

Controller of Examinations

Signature

Note: This Certificate is issued without any alteration or erasure.

Signature
স্বাক্ষর
বোর্ড সচিব (সাধারণ শিক্ষা)
বিভাগ-১৫-১৮১৬৬১৪১০৬৪
রাজশাহী, রাজশাহী
১০০০

Board of Intermediate and Secondary Education Rajshahi Bangladesh

Serial No. RB 15 0115511



SECONDARY SCHOOL CERTIFICATE EXAMINATION - 2016

Rtts. 160-004394

ACADEMIC TRANSCRIPT

Letter Grade	Class Interval	Grade Point
A+	80 - 100	5
A	70 - 79	4
A-	60 - 69	3.5
B	50 - 59	3
C	40 - 49	2
D	33 - 39	1
F	0 - 32	0

Name of Student : *Kumyra Yeasmin*
 Father's Name : *Md. Shahin Uddin*
 Mother's Name : *Sharmin Yeasmin Simi*
 Date of Birth : *26/08/2001*
 In Words : *Twenty Sixth August Two Thousand One*
 Institution : *1027 - River View Collectorate School, Rajshahi*
 Centre : *104 - Rajshahi - D*
 Roll No. : *102273* Registration No. : *1312603275/2014-15*
 Group : *Science* Type : *Regular*

Sl.No.	Name of Subjects	Letter Grade	Grade Point (GP)	GPA (Without Additional Subject)	Grade Point Average(GPA)
1	Bangla	A+	5	5.00	5.00
2	English	A+	5		
3	Mathematics	A+	5		
4	Bangladesh and Global Studies	A+	5		
5	Islam and Moral Education	A+	5		
6	Physics	A+	5		
7	Chemistry	A+	5		
8	Biology	A+	5		
9	Physical Education, Health & Sports	A+	5		
Additional Subject :					
10	Higher Mathematics		4	GP Above 2	
				2.00	

স্বাক্ষরিত
 ১৩/০৫/১৬
 মোঃ শাহীন উদ্দিন
 বিসিএস (সাধারণ শ্রাঙ্ক)
 আইডি নং-১৮১০৬৪১০৬৪
 প্রজাপক, কমান্ডার জিআল
 রাজশাহী কলেজ, রাজশাহী।

Date of publication of results: Rajshahi, May 11, 2016

Controller of Examinations

National University
Subject: Chemistry
Syllabus for Four Year B.Sc Honours Course
Effective from the Session: 2013-2014

Year wise Papers and marks distributions

FIRST YEAR

Paper Code	Paper Title	Marks	Credits
212801	Physical Chemistry-I	75	3
212803	Fundamentals of Organic Chemistry	75	3
212805	Fundamentals of Inorganic Chemistry	75	3
212806	Chemistry Practical: Qualitative inorganic analysis, inorganic preparations and elementary crystal chemistry	75	3
213709	Fundamentals of Mathematics	100	4
213711	Calculus-I	50	2
212707	Physics-I (Mechanics, Properties of Matter, Waves & Optics)	100	4
212709	Physics-II (Heat, Thermodynamics and Radiation)	50	2
211501	History of the Emergence of Independent of Bangladesh	100	4
	Total =	700	28

(Signature)
27.2.13

প্রফেসর ডা. জ. ম. মনিরুল ইসলাম
আইডি: নং-০৪৬৪২
স্বাক্ষর বিভাগ
স্বাক্ষর: ২৭.২.১৩

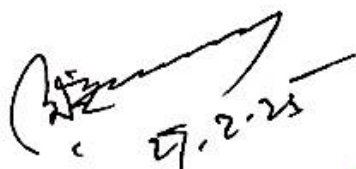
National University

Subject: Chemistry
Syllabus for Four Year B.Sc. Honours Course
Effective from the Session: 2013-2014

Year wise Paper, Marks and Credit distribution

SECOND YEAR

Paper Code	Paper Title	Marks	Credits
222801	Physical Chemistry-II	100	4
222803	Organic Chemistry	100	4
222805	Chemistry of the Representative Elements	100	4
222806	Quantitative Inorganic Analysis (Practical)	100	4
222707	Physics-III (Electricity and Modern Physics)	100	4
222708	Physics-IV (Physics Practical)	50	2
223707	Calculus-II	100	4
223708	Math Lab (Practical)	50	2
	Total =	700	28
221109	English (Compulsory)	100	Non-Credit


17.2.23

प्रमुख, विभाग, भौतिक विज्ञान
आवक: नं. ०४४४२
राजधानी, नेपाल
संयोजक, भौतिक विज्ञान

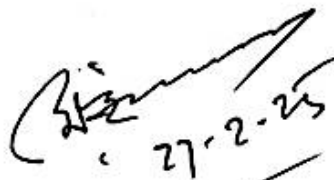
National University

Subject: Chemistry
Syllabus for Four Year B.Sc. Honours Course
Effective from the Session: 2013-2014

Year wise Paper, Marks and Credit distribution

THIRD YEAR

Paper Code	Paper Title	Marks	Credits
232801	Physical Chemistry-III	100	4
232803	Stereochemistry	100	4
232805	Advanced Concepts of Atomic Structure and Chemical Bonding	100	4
232807	Coordination Chemistry and Organometallic Chemistry	100	4
232809	Fundamentals of Analytical Chemistry	100	4
232811	Industrial Chemistry	100	4
232813	Agricultural Chemistry	100	4
232814	Physical Chemistry Practical	50	2
232816	Organic Chemistry Practical (Detection & Preparation)	50	2
	Total =	800	32


27-2-25

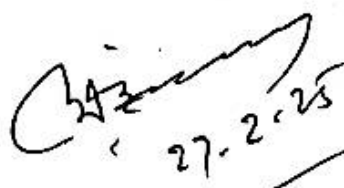
ডায়েরী আ.জ.ম. মনিরুল ইসলাম
আইডি: নং-০৪৬৪২
ইসলামিয়া বিশ্ববিদ্যালয়
কম্পিউটার বিভাগ, ঢাকা

National University
Subject: Chemistry
Syllabus for Four Year B.Sc. Honours Course
Effective from the Session: 2013-2014

Year wise Paper, Marks and Credit distribution

FOURTH YEAR

Paper Code	Paper Title	Marks	Credits
242801	Physical Chemistry-IV	100	4
242803	Selected Topics in Organic Chemistry	100	4
242805	Selected Topics in Inorganic Chemistry	100	4
242807	Nuclear Chemistry	100	4
242809	Organic Polymers	100	4
242811	Reaction Mechanism	100	4
242813	Separation Techniques	100	4
242815	Chemical Spectroscopy	100	4
242816	Practical Chemistry (Organic)	50	2
242818	Practical Chemistry (Industrial)	50	2
242820	Viva-voce	100	4
	Total =	1000	40


27-2-25

প্রফেসর আজম মনিরুল ইসলাম
আইডি: নং-০৪৬৪১
রসায়ন বিভাগ
ন্যাশনাল বিশ্ববিদ্যালয়, ঢাকা