

UNIVERSITY OF CALCUTTA

PHS1/20/0145

20/044643/129



M.Sc. 1st SEMESTER EXAMINATION, 2020

The following is the statement of Marks obtained by **SAYAN BISWAS**

Roll No. : **C91/PHS/201055** Registration No.: **224-1111-0822-17**

at the aforesaid examination, 2020

(Held in MARCH 2021) in **PHYSICS.**

Course	Credit	Details of Courses	Theoretical		Practical		Course		Grade Point	Letter Grade
			Full Marks	Marks Obtained	Full Marks	Marks Obtained	Full Marks	Marks Obtained		
PHY411	4	Mathematical Methods	50	47			50	47	9.40	O
PHY412	4	Classical and Relativistic Mechanics	50	31			50	31	6.20	B+
PHY413	4	Quantum Mechanics I	50	39			50	39	7.80	A
PHY414	4	Electronics and Instrumentation	50	37			50	37	7.40	A
PHY415	4	General Practical 1			50	39	50	39	7.80	A

Grade Point Definition

Statement of 1st Semester

% of Marks	Grade Point	Grade	Remarks	Total Credit	Full Marks	Grand	SGPA (Semester Grade Point Average)	Result *	
90 - 100	9.00 - 10.00	O	Outstanding	20	250	193	7.720	P	
80 - 89	8.00 - 8.99	A+	Excellent						
70 - 79	7.00 - 7.99	A	Very Good	Failed in					
60 - 69	6.00 - 6.99	B+	Good	Re-appeared in					
55 - 59	5.50 - 5.99	B	Above Average						
50 - 54	5.00 - 5.49	C+	Average						
41 - 49	4.10 - 4.99	C	Below Average	XS - Failed in course(s)					
40	4.00	P	Passed	EC - Examination Cancelled					
Below 40		F	Failed	GPW - Grade Point Withheld					
Absent		AB		DSQ - Disqualified from the course					

Serial No. : 2020/ 0300274

Controller of Examinations (Acting)

UNIVERSITY OF CALCUTTA

PHS2/21/0114

21/044643/111



M.Sc. 2nd SEMESTER EXAMINATION, 2021

The following is the statement of Marks obtained by **SAYAN BISWAS**

Roll No. : **C91/PHS/201055** Registration No.: **224-1111-0822-17** at the aforesaid examination, 2021

(Held in AUGUST 2021) in **PHYSICS.**

Course	Credit	Details of Courses	Theoretical		Practical		Course		Grade Point	Letter Grade
			Full Marks	Marks Obtained	Full Marks	Marks Obtained	Full Marks	Marks Obtained		
PHY421	4	Classical Electrodynamics	50	35			50	35	7.00	A
PHY422	4	Quantum Mechanics II	50	36			50	36	7.20	A
PHY423	4	Statistical Mechanics	50	40			50	40	8.00	A+
PHY424	4	General Practical 2			50	37	50	37	7.40	A
PHY425	4	Computer Practical			50	42	50	42	8.40	A+

Grade Point Definition

Statement of 2nd Semester

% of Marks	Grade Point	Grade	Remarks	Total Credit	Full Marks	Grand	SGPA (Semester Grade Point Average)	Result *
90 - 100	9.00 - 10.00	O	Outstanding	20	250	190	7.600	P
80 - 89	8.00 - 8.99	A+	Excellent					
70 - 79	7.00 - 7.99	A	Very Good					
60 - 69	6.00 - 6.99	B+	Good					
55 - 59	5.50 - 5.99	B	Above Average					
50 - 54	5.00 - 5.49	C+	Average					
41 - 49	4.10 - 4.99	C	Below Average					
40	4.00	P	Passed					
Below 40	----	F	Failed					
Absent		AB						

Failed in

Re-appeared in

* P - Passed the semester;

XS - Failed in course(s);

EC - Examination Cancelled;

GPW - Grade Point Withheld;

DSQ - Disqualified from the course

Serial No. : 2021/ 0344678

22092021

Controller of Examinations (Acting)

UNIVERSITY OF CALCUTTA

PHS3/21/0114

21/044643/114



M.Sc. 3rd SEMESTER EXAMINATION, 2021

The following is the statement of Marks obtained by **SAYAN BISWAS**

Roll No. : **C91/PHS/201055** Registration No.: **224-1111-0822-17**

at the aforesaid examination, 2021

(Held in JANUARY 2022) in **PHYSICS.**

Course	Credit	Details of Courses	Theoretical		Practical		Course		Grade Point	Letter Grade
			Full Marks	Marks Obtained	Full Marks	Marks Obtained	Full Marks	Marks Obtained		
PHY 511	4	Atomic, Molecular and Laser Physics	50	26			50	26	5.20	C+
PHY 512	4	Solid State Physics	50	42			50	42	8.40	A+
PHY 513	4	Nuclear and Particle Physics	50	41			50	41	8.20	A+
PMTGE31	4	Algebra, Discrete Mathematics & Analysis	50	32			50	32	6.40	B+
AMTGE31	4	Some Methods in Applied Mathematics	50	44			50	44	8.80	A+

Grade Point Definition				Statement of 3rd Semester								
% of Marks	Grade Point	Grade	Remarks	Total Credit	Full Marks	Grand	SGPA (Semester Grade Point Average)	Result *				
90 - 100	9.00 - 10.00	O	Outstanding	20	250	185	7.400	P				
80 - 89	8.00 - 8.99	A+	Excellent									
70 - 79	7.00 - 7.99	A	Very Good	Failed in								
60 - 69	6.00 - 6.99	B+	Good	Re-appeared in								
55 - 59	5.50 - 5.99	B	Above Average	* P - Passed the semester; XS - Failed in course(s); EC - Examination Cancelled; GPW - Grade Point Withheld; DSQ - Disqualified from the course								
50 - 54	5.00 - 5.49	C+	Average									
41 - 49	4.10 - 4.99	C	Below Average									
40	4.00	P	Passed									
Below 40	----	F	Failed									
Absent		AB										

Serial No. : 2021/ 0372754

Controller of Examinations (Acting)

UNIVERSITY OF CALCUTTA

PHS4/22/0104

22/056293/104



M.Sc. 4th SEMESTER EXAMINATION, 2022

The following is the statement of Marks obtained by **SAYAN BISWAS**

Roll No. : **C91/PHS/201055** Registration No.: **224-1111-0822-17** at the aforesaid examination, 2022

(Held in JUNE 2022) in **PHYSICS.**

Course	Credit	Details of Courses	Theoretical		Internal Assessment		Course		Grade Point	Letter Grade
			Full Marks	Marks Obtained	Full Marks	Marks Obtained	Full Marks	Marks Obtained		
PHY521	4	Advanced Paper I Quantum Field Theory	50	28			50	28	5.60	B
PHY522	4	Advanced Paper II Particle Physics	50	39			50	39	7.80	A
PHY523	4	Advanced Paper III Astrophysics and Cosmology	50	32			50	32	6.40	B+
PHY524	4	Advanced Experiments I			50	44	50	44	8.80	A+
PHY525	4	Advanced Experiments II / Project			50	39	50	39	7.80	A

Grade Point, Final Grade and Class Table

% of Marks	Grade Point	CGPA	Letter Grade	Class
90 - 100	9.00 - 10.00	9.000 - 10.000	O (Outstanding)	1st Class
80 - 89	8.00 - 8.99	8.000 - 8.999	A+ (Excellent)	1st Class
70 - 79	7.00 - 7.99	7.000 - 7.999	A (Very Good)	1st Class
60 - 69	6.00 - 6.99	6.000 - 6.999	B+ (Good)	1st Class
55 - 59	5.50 - 5.99	5.500 - 5.999	B (Above Average)	IIInd Class
50 - 54	5.00 - 5.49	5.000 - 5.499	C+ (Average)	IIInd Class
41 - 49	4.10 - 4.99	4.000 - 4.999	C (Below Average)	IIInd Class
40	4.00		P (Passed)	
Below 40			F (Failed)	
Absent			AB	

Semester Wise Statement

Semester	Full Marks	Credit	Total	SGPA
1st	250	20	193	7.720
2nd	250	20	190	7.600
3rd	250	20	185	7.400
4th	250	20	182	7.280

Cumulative Statement

Full Marks	Credit	Grand Total	CGPA	Grade	Result *
1000	80	750	7.500	A	I

Failed in	* I - First Class; II - Second Class; XS - Supplementary; SNC - Previous semester(s) not clear; F - Failed; GPW - Grade Point Withheld
Re-appeared in	

Serial No. : 2021/ 0397417

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