

## RECORD OF ICT CLASSES

Name of the teacher: **Abhijit Barman**  
Designation: **Associate professor**  
Department: **Mathematics**  
Date and time of the class: **21-09-2022** and from **2-00 PM to 3-00 PM**  
Room no. **RCC- 4**  
Mode of ICTs used (projector, LCD monitor, smart board, etc.): **Projector**

Total no. of Students Present:22

S. N.	Male	Female	Total
	19	03	22

Topics taught: **Computer algebra systems, how to use it as calculator.**

Few clicks of the class (minimum two):



Signature of the teacher

  
21/09/22  
Signature of HOD



## RECORD OF ICT CLASSES

Name of the Teacher : Dr. Mandeep Kaur

Designation : Assistant Professor

Department : Mathematics

Date and time of the class : 21-11-2022 and 11 PM -12 PM

Room no. RCC-5

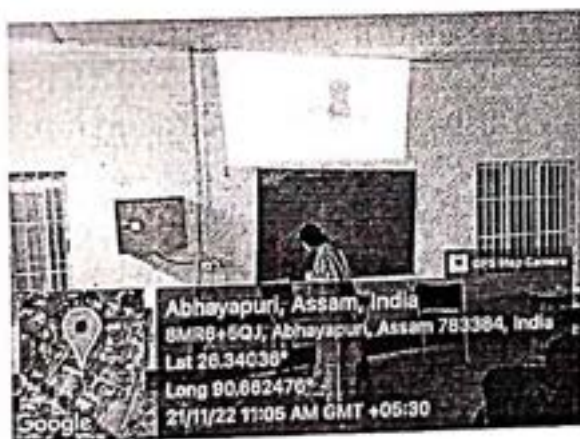
Mode of ICTs is used (projector, LCD monitor, smart board, etc.) : Projector

Total no. of Students Present :

S.N.	Male	Female	Total
	15	2	17

Topics taught : Visualizing 2-D and 3-D graphs.

Few clicks of the class (minimum two) :



Mandeep  
Kaur  
21/11/2022  
Signature of the Teacher

  
21/11/22  
Signature of HOD





# Photographs & Records OF ONLINE CLASSES

(2<sup>nd</sup>, 4<sup>th</sup>, 6<sup>th</sup> Semester-2021)

Name of the teacher: **DHANAJIT PATOWARY**

Designation: Associate Professor

Department: Mathematics

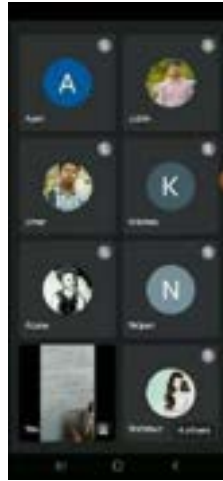
**1.** Date and time of the class: **10-05-2021** from **9-00 AM to 10-00 AM**

Total no. of Students Present: **09 (B.Sc.-6<sup>th</sup> sem.(M))**

Topics taught: Numerical analysis: Difference Operators.

Platform: Google Meet

clicks of the Online class:



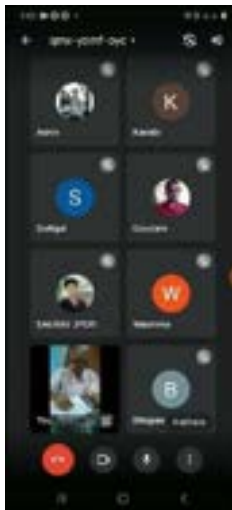
**2.** Date and time of the class: **11-05-2021** from **9-00 AM to 10-00 AM**

Total no. of Students Present: **11 (B.Sc.-4<sup>th</sup> sem.(H))**

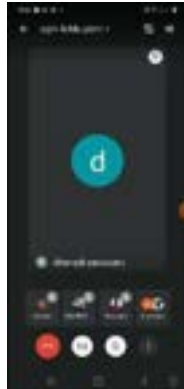
Topics taught: Difference Operators.

Platform: Google Meet

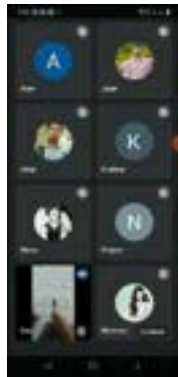
clicks of the Online class:



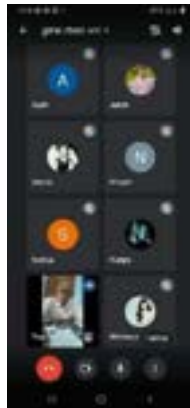
- 3.** Date and time of the class: **12-05-2021** from **9-00 AM to 10-00 AM**  
Total no. of Students Present: **12 (B.Sc.-4<sup>th</sup> sem.(H))**  
Topics taught: Difference operators' examples.  
Platform: Google Meet  
clicks of the Online class



- 4.** Date and time of the class: **13-05-2021** from **9-00 AM to 10-00 AM**  
Total no. of Students Present: **11 (B.Sc.-6<sup>th</sup> sem.(M))**  
Topics taught: (Difference operators') examples.  
Platform: Google Meet  
clicks of the Online class:



- 5.** Date and time of the class: **17-05-2021** from **9-00 AM to 10-00 AM**  
Total no. of Students Present: **10 (B.Sc.-6<sup>th</sup> sem.(M))**  
Topics taught: Newton's forward interpolation formula  
Platform: Google Meet  
clicks of the Online class:



Dhanajit Patowary  
Name of the teacher

  
17/05/21  
Signature of HOD

## Photographs & Records OF ONLINE CLASSES

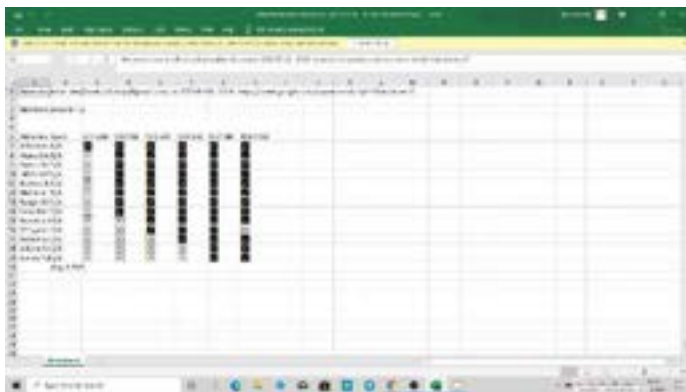
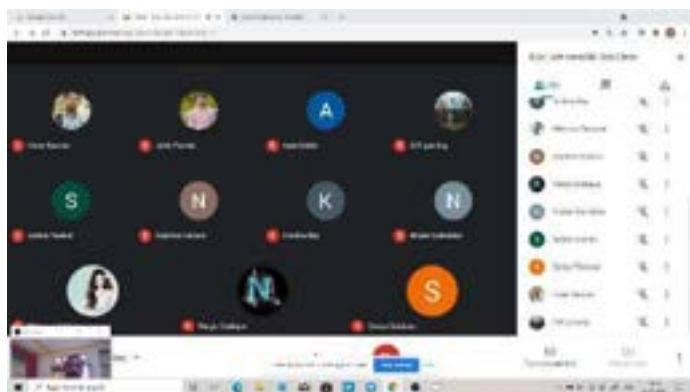
(2<sup>nd</sup>, 4<sup>th</sup>, 6<sup>th</sup> Semester-2021)

Name of the teacher: **ABHIJIT BARMAN**

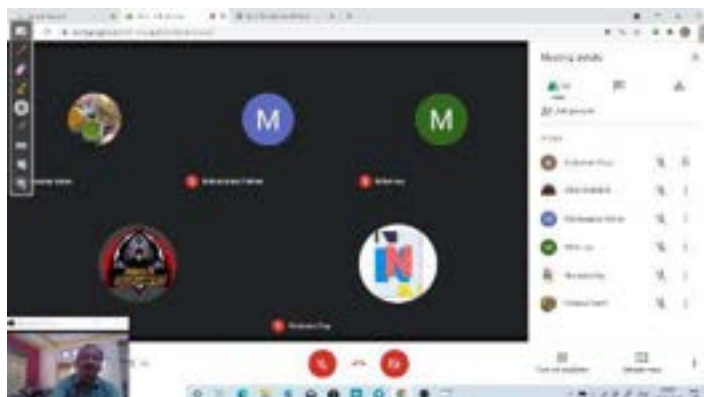
Designation: Associate Professor

Department: Mathematics

8. Date and time of the class: **18-05-2021** from **9-00 AM to 10-00 AM**  
Total no. of Students Present: **12 (B.Sc.-6<sup>th</sup> Sem(H))**  
Topics taught: Necessary condition of equilibrium, surface of equal pressure and free surface  
Platform: Google Meet (<https://meet.google.com/vqw-amrn-xkn>)  
clicks of the Online class:

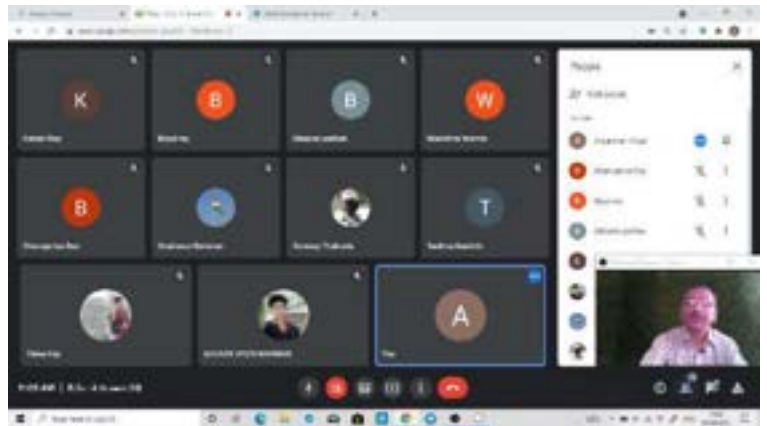
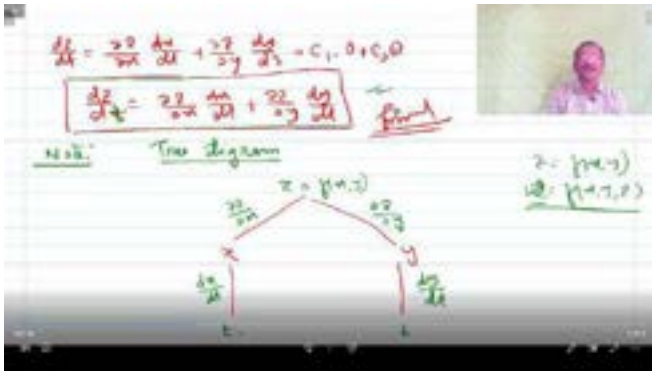


9. Date and time of the class: **19-05-2021** from **9-00 AM to 10-00 AM**  
Total no. of Students Present: **05 (B.Sc.-2<sup>nd</sup> Sem(H))**  
Topics taught: Equation reducible to Variable separable form.  
Platform: Google Meet (<https://meet.google.com/eth-dxis-quj>)  
clicks of the Online class:

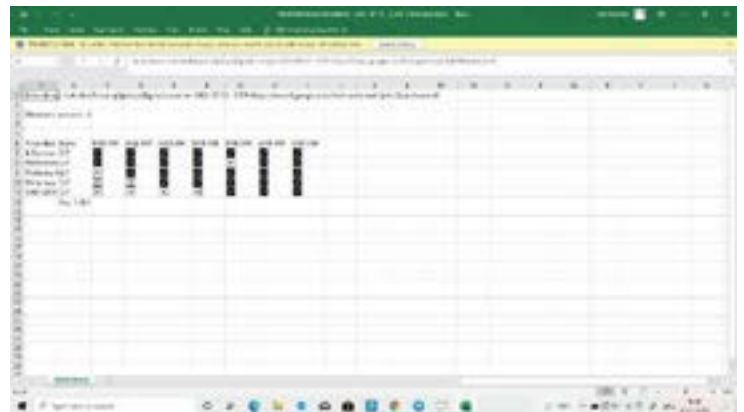
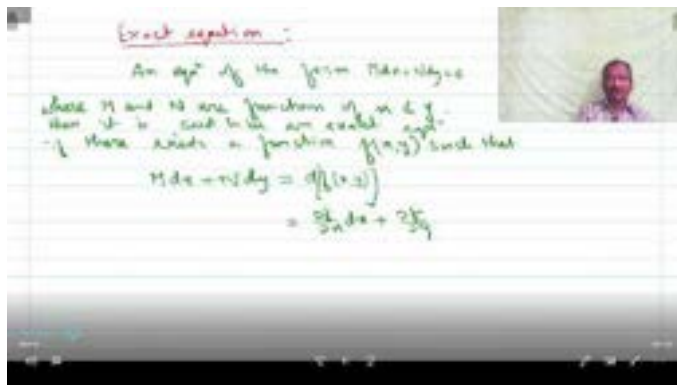




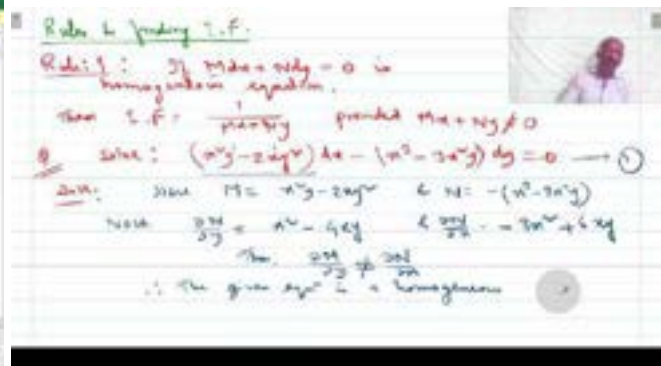
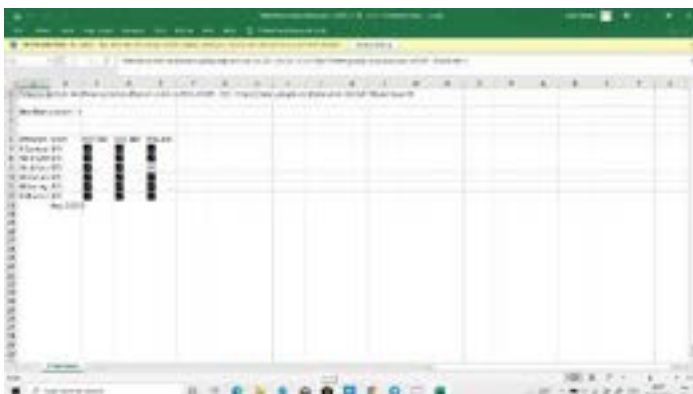
43. Date and time of the class: **28-06-2021** from **11-00 AM to 12-00 Noon**  
 Total no. of Students Present: **10 (B.Sc.-4<sup>th</sup> Sem(H))**  
 Topics taught: Chain rules.  
 Platform: Google Meet (<https://meet.google.com/yni-esch-pou>)  
 clicks of the Online class



44. Date and time of the class: **01-07-2021** from **9-00 AM to 10-00 AM**  
 Total no. of Students Present: **04 (B.Sc.-2<sup>nd</sup> Sem(H))**  
 Topics taught: Exact Equations.  
 Platform: Google Meet (<https://meet.google.com/hdv-yavb-wwt>)  
 clicks of the Online class

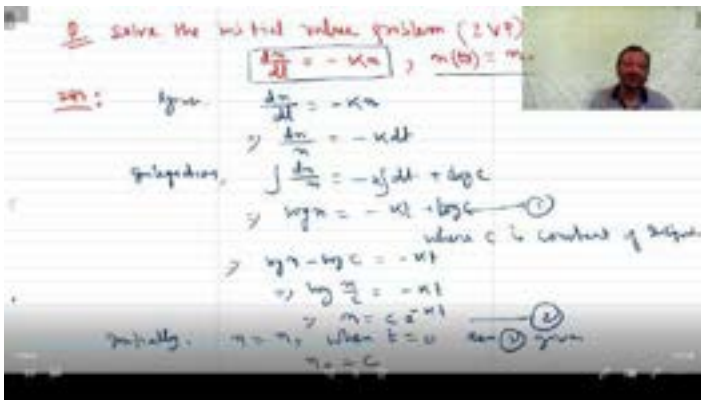


45. Date and time of the class: **08-07-2021** from **9-00 AM to 10-00 AM**  
 Total no. of Students Present: **05 (B.Sc.-2<sup>ND</sup> Sem(H))**  
 Topics taught: Integrating factors  
 Platform: Google Meet (<https://meet.google.com/wka-vvon-hds>)  
 clicks of the Online class

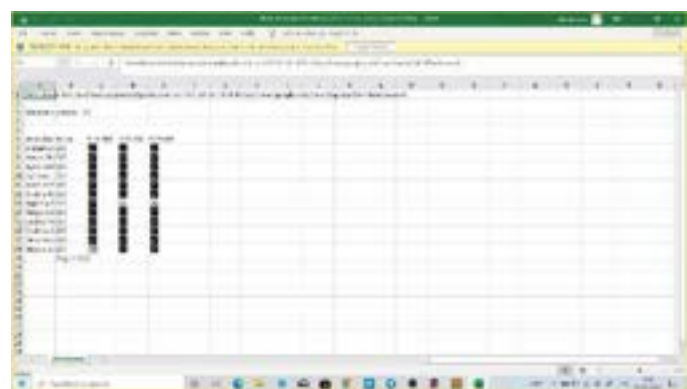
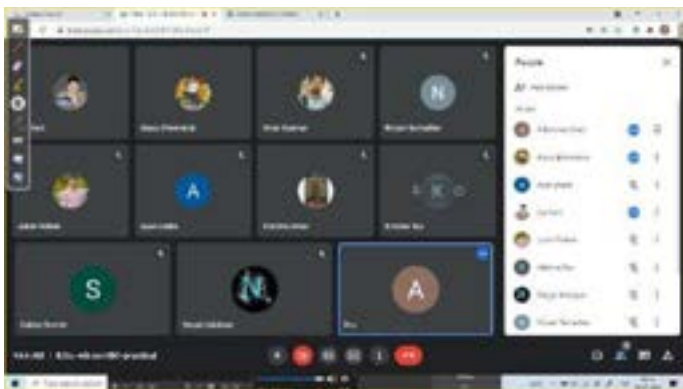




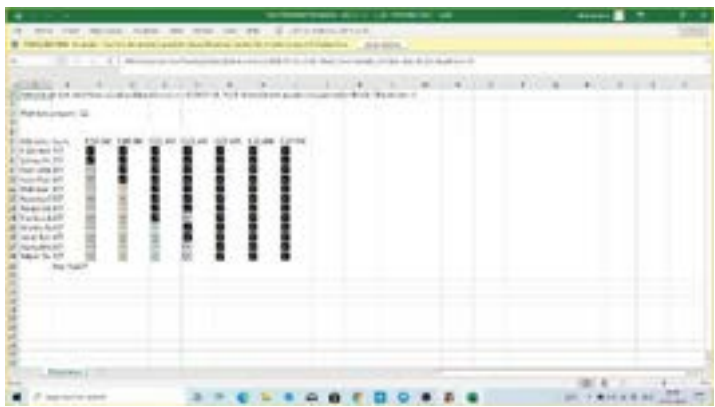
52. Date and time of the class: **28-07-2021** from **5-00 PM to 6-00 PM**  
 Total no. of Students Present: **06(B.Sc.-2<sup>nd</sup> Sem(H))**  
 Topics taught: Compartmental Model.  
 Platform: Google Meet (<https://meet.google.com/rxv-zefv-wwh>)  
 clicks of the Online class



53. Date and time of the class: **30-07-2021** from **8-44 AM to 9-44 AM**  
 Total no. of Students Present: **11(B.Sc.-6<sup>th</sup> Sem(M))**  
 Topics taught: Practical class.  
 Platform: Google Meet (<https://meet.google.com/zmq-ftag-bxu>)  
 clicks of the Online class



54. Date and time of the class: **31-07-2021** from **9-00 AM to 10-00 AM**  
 Total no. of Students Present: **11(B.Sc.-6<sup>th</sup> Sem(M))**  
 Topics taught: Practical class.  
 Platform: Google Meet (<https://meet.google.com/gso-ajdp-ifb>)  
 clicks of the Online class



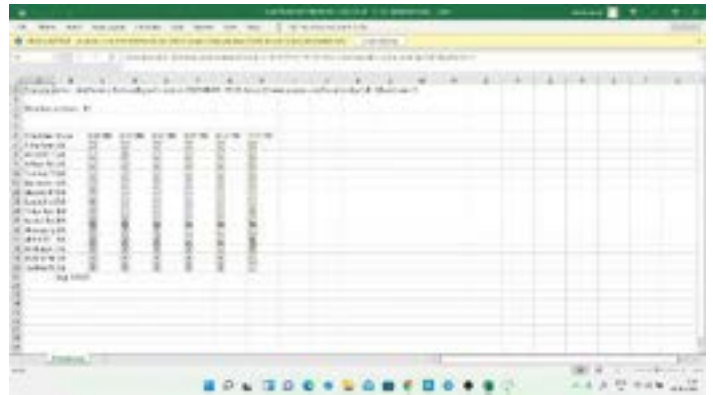
61. Date and time of the class: **09-01-2022** from **6-00 PM to 07-30 PM**

Total no. of Students Present: **13 (B.Sc.-5<sup>th</sup> Sem(H))**

Topics taught: Null spaces etc.

Platform: Google Meet (<https://meet.google.com/ioc-yhyb-fgq>)

clicks of the Online class



*Pran*  
29/01/2022

HOD

Deptt. Of Mathematics,  
Abhayapuri College

**0ABHAYAPURI COLLEGE**  
**RECORD OF ONLINE CLASSES for 1<sup>st</sup> , 3<sup>rd</sup> , 5<sup>th</sup> Semester, 2020-21**  
**Dept of Mathematics**

S. N.	Name of the Teacher	Designation	Department	Date and time of the class	Class/ semester	Online platform used	No. of students present	Topics taught	Remarks
1	<b>Abhijit Barman</b>	Associate Professor	<b>Mathematics</b>	14/09/20 11.00 AM to 12.00Noon	B.Sc.- V(M)	<b>Google Meet</b>	10	Introductory of Rigid dynamics, definitions	
2				15/09/20 9.00 AM to 10.00AM	B.Sc.- III(R)		16	Differential equation, Types	
3				16/09/20 9.00 AM to 10.00AM	HS-II		03	Matrices	
4				16/09/20 10.00 AM to 11.00AM	B.Sc.- V(M)		08	Moments of Inertia	
5				18/09/20 9.00 AM to 10.00AM	B.Sc.- III(H)		13	Theory of Real functions, cluster points	
6				20/09/20 9.00 AM to 10.00AM	B.Sc.- III(R)		16	Variable Separable, Exact differential equation	
7				23/09/20 9.10 AM to 10.10AM	B.Sc.- III(R)		11	Exact differential equations, linear equations	
8				25/09/20 9.00 AM to 10.00AM	B.Sc.- III(H)		12	Isolation points, limit points, Theorems on limit point	
9				14/02/21 8.57 PM to 9.57PM	B.Sc.- III(H)		10	Problems of Roll's theorems, Taylor's theorems.	
10				15/02/21 6.30 PM to 7.30PM	B.Sc.- III(H)		09	Mean value theorems and problems.	

S. N.	Name of the Teacher	Designation	Department	Date and time of the class	Class/ semester	Online platform used	No. of students present	Topics taught	Remarks
11	<b>Abhijit Barman</b>	Associate Professor	<b>Mathematics</b>	16/02/21 6.30 PM to 7.30PM	B.Sc.- III(H)	<b>Google Meet</b>	06	First and second derivative tests.	
12				17/02/21 6.30 PM to 7.30PM	B.Sc.- III(H)		12	Problems of MVT. And others.	
13				22/3/21 6.00 PM to 7.00PM	B.Sc.- I(H)		08	Scilab and velocity and accelerations.	
14				23/03/21 6.00 PM to 7.00PM	B.Sc.- I(H)		08	Tangential and normal components of accelerations & problems	

N.B. Please attach supporting documents, photos, etc.

Signature of the teacher

  
Signature of HOD



**ABHAYAPURI COLLEGE**  
**RECORD OF ONLINE CLASSES for 2<sup>nd</sup>, 4<sup>th</sup>, 6<sup>th</sup> Semester-2021**  
**Depart of Mathematics**

**RECORD OF ONLINE CLASSES**

S.N.	Name of the Teacher	Designation	Department	Date and time of the class	Class/ semester	Online platform used	No. of students present	Topics taught	Remarks
1	D. Patowary	Associate Professor	Mathematics	10-05-21 9:00 A.M.	6 <sup>th</sup> Sem (M)	Maths Google meet	09	Numerical Analysis Difference operator	
2	D. Patowary	"	"	11-05-21 9:00 A.M.	4 <sup>th</sup> Sem (Hons)	Google meet	11	Difference operator	
3	D. Patowary	"	"	12-05-21 9 A.M.	4 <sup>th</sup> Sem (Hons)	do	12	Diff operator Example	
4	D. Patowary	"	"	13-05-21 9:00 A.M.	6 <sup>th</sup> Sem (M)	do	11	Diff. operator (Example)	
5	D. Patowary	"	"	17-05-21 9 A.M.	6 <sup>th</sup> Sem (M)	"	10	Non-linear least inter- polation formula	

N.B. Please attach supporting documents, photos, etc.  
 screen shot.

*D. Patowary*  
 Signature of the teacher

*B. Banerjee*  
 17/05/21

Signature of HOD

**ABHAYAPURI COLLEGE**  
**RECORD OF ONLINE CLASSES for 2<sup>nd</sup>, 4<sup>th</sup>, 6<sup>th</sup> Semester-2021**  
**Depart of Mathematics**

S. N.	Name of the Teacher	Designation	Department	Date and time of the class	Class/ semester	Online platform used	No. of students present	Topics taught	Remarks
1	<b>Abhijit Barman</b>	Associate Professor	Mathematics	10/05/2021 9.00 AM to 10.00AM	B.Sc.-IV (H)	Google Meet	12	Function of several variables, domain and ranges.	
2				11/05/2021 9.00 AM to 10.00AM	B.Sc.-VI (M)		12	Hydrostatics and definition, equation of pressures	
3				12/05/2021 9.00 AM to 10.00AM	B.Sc.-II (H)		07	Differential equations, order & Degree, Formation.	
4				13/05/2021 9.00 AM to 10.00AM	B.Sc.-II (H)		07	Formation of differential equations, Variable separable forms.	
5				15/05/2021 9.00 AM to 10.00AM	HS-II		04	Matrices	
6				15/05/2021 11.00 AM to 12.00Noon	B.Sc.-VI (M)		08	Pressure equation in any direction and different co-ordinate systems.	
7				17/05/2021 9.00 AM to 10.00AM	B.Sc.-IV (H)		14	Problems of Domain and Range.	

N.B. Please attach supporting documents, photos, etc.

Signature of the teacher

  
Signature of HOD

Timestamp	Score	NAME AND ROLL NO									8			Untitled Question
9/21/2022 8:53:03		9 / 10 Bismita kalita. 48	A	A	A	A	A	B	A	A	B	B	A	
9/21/2022 15:07:35		9 / 10 Bismita kalita. 48	A	A	A	A	B	A	A	A	B	B	A	
9/21/2022 15:08:57		9 / 10 Bismita kalita	A	A	A	A	B	A	A	A	B	B	A	
9/21/2022 19:19:38		6 / 10 KONGKON HAZORIKA ,F A	A	A	A	D	B	C	A	A	C	C	A	Option 1
9/21/2022 19:38:20		6 / 10 Jyotirmoy Ray 109	A	A	B	A	D	A	B	A	C	D	A	
9/21/2022 21:14:44		9 / 10 Subarna ray roll no 21	A	A	A	A	B	A	A	A	C	C	A	Option 1
9/21/2022 22:07:15		9 / 10 Jonmani das, Roll no-46	A	A	A	A	B	A	A	A	C	2[a b c]	A	
9/21/2022 22:17:03		9 / 10 Name.somesh uddin &roll	A	A	A	A	B	A	A	A	C	2[a b c]	A	
9/21/2022 22:20:56		9 / 10 Jonmani das ,Roll no-46	A	A	A	A	B	A	A	A	C	2[a b c]	A	
9/21/2022 22:32:55		6 / 10 Prasenjit Sarkar (98)	A	A	A	A	C	C	B	A	C	D	A	
9/21/2022 22:35:19		7 / 10 Prasenjit Sarkar (98)	A	A	A	A	B	C	C	B	C	D	A	Option 1
9/21/2022 22:52:49		6 / 10 Kongkon hazorika, roll no A	A	A	A	C	B	C	A	A	C	C	A	Option 1
9/22/2022 6:21:15		9 / 10 ROFIQUL ISLAM 81	A	A	A	A	B	A	A	A	C	D	A	Option 1
9/22/2022 9:06:39		7 / 10 37	A	A	A	A	C	A	B	A	C	D	A	
9/22/2022 16:13:31		9 / 10 58	A	A	A	A	B	A	A	A	C	D	A	
9/22/2022 17:53:05		9 / 10 Name- Masud Al Mamun. A	A	A	A	A	B	A	A	A	C	D	A	Option 1

# QUIZ-1ST SEM(H)

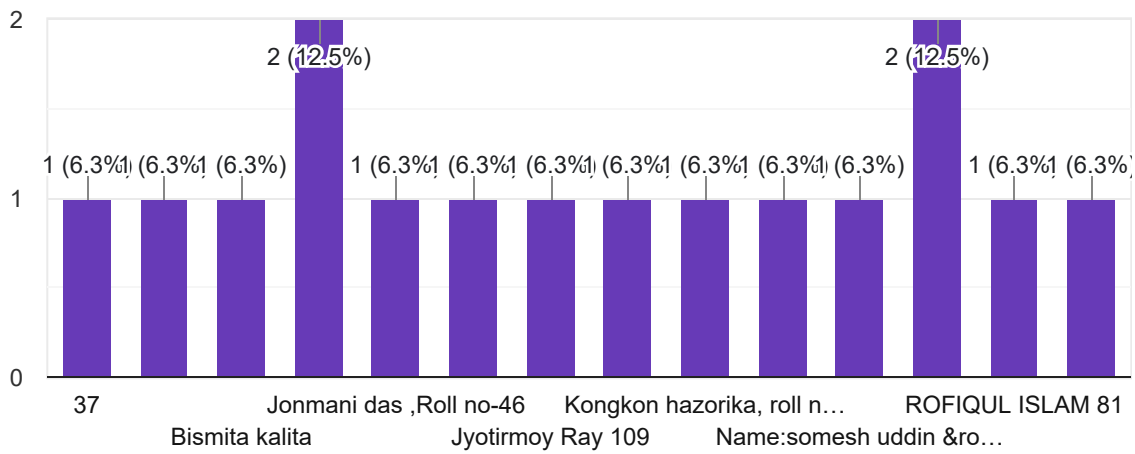
16 responses

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## NAME AND ROLL NO

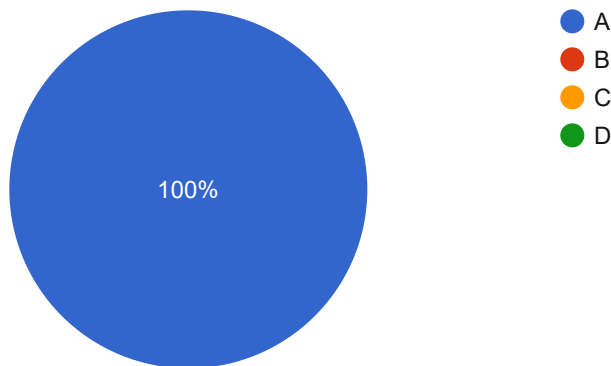
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16 responses



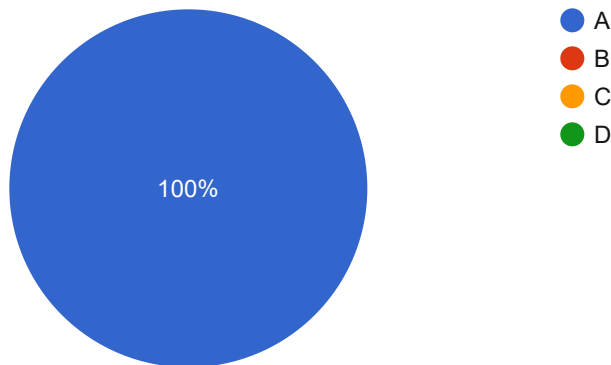
16 responses

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16 responses

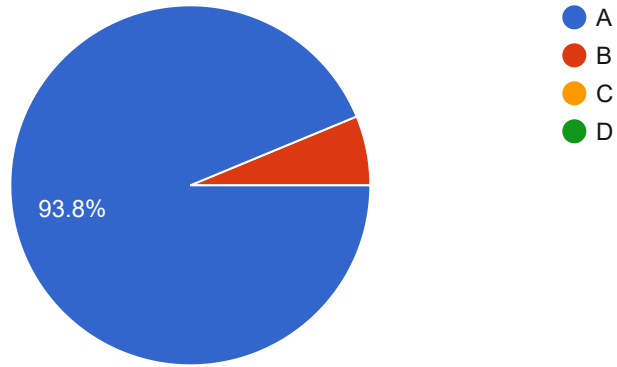
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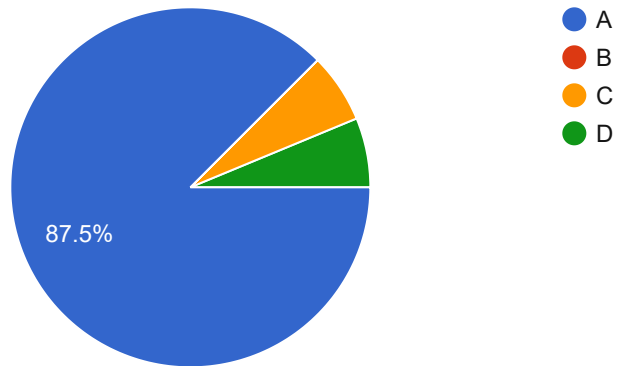
16 responses

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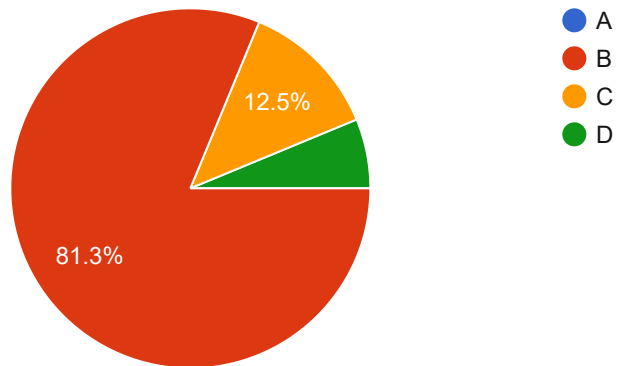
16 responses

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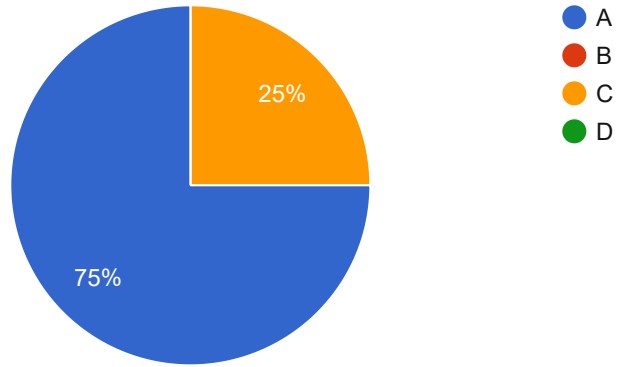
16 responses

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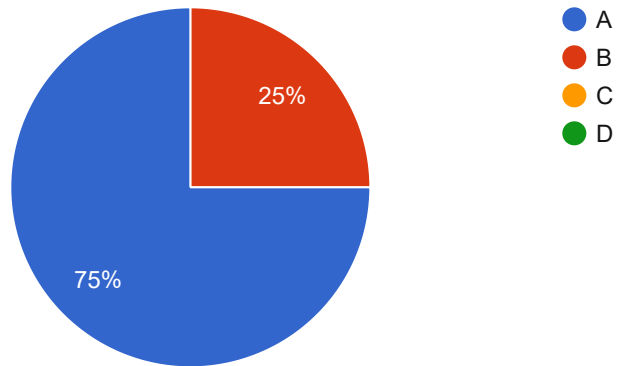
16 responses

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16 responses

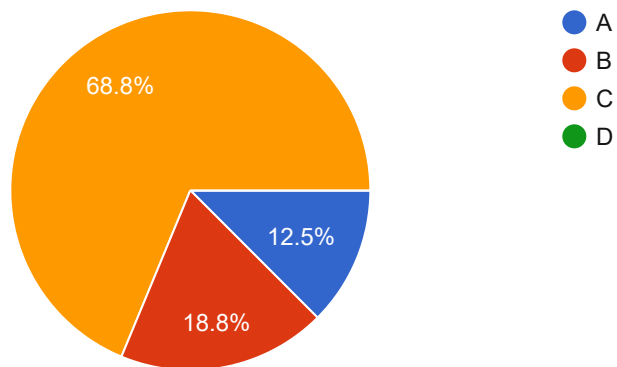
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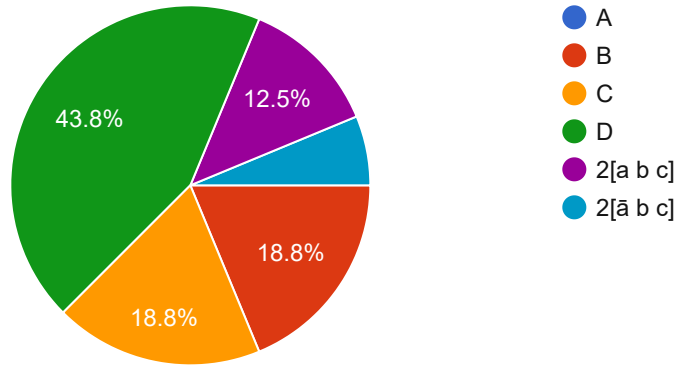
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16 responses



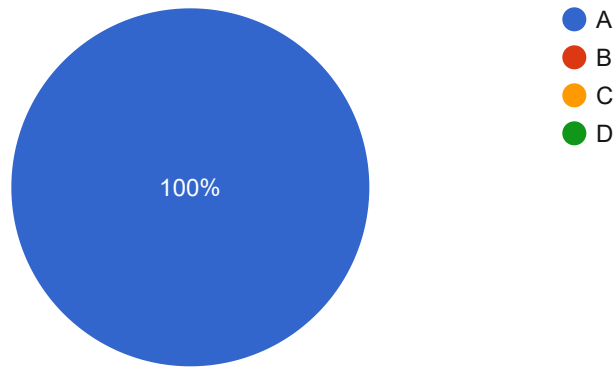
16 responses

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16 responses

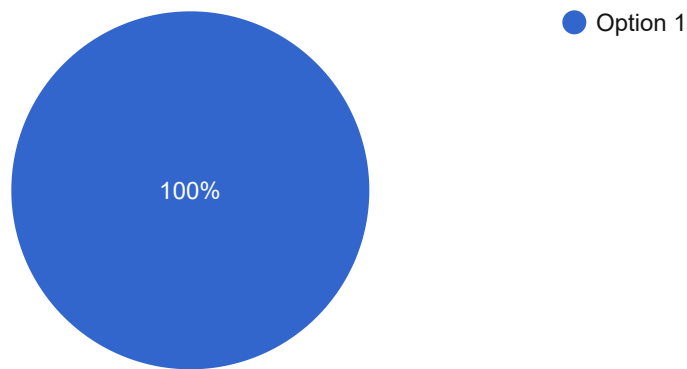
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Untitled Question

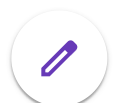
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6 responses



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Google Forms



classmate

Dept of Mathematics  
Assignment No-1  
Sub: Mathematics (Honours)  
Paper: - MAT-HC-6026

Full marks:  $3 \times 10 = 30$

Date of assignment: 28/04/2022

- Solve  $\left(\frac{y-z}{y^2}\right)p + \left(\frac{z-x}{zx}\right)q = \frac{x-y}{xy}$
- Solve:  $(x+2z)p + (4zx-y)q = 2x^2+y$
- Solve:  $p \tan x + q \tan y = \tan z$
- Solve:  $p^2 - q^2 z = z^2 + (x+y)^2$
- Find the general solution of the differential equation  
$$x^2 \frac{\partial z}{\partial x} + y^2 \frac{\partial z}{\partial y} = (x+2y)z$$
- Solve:  $x^2 u_x + y^2 u_y = u(x+y)$
- Solve:  $z(x+y)p + z(x-y)q = x^2 + y^2$
- Form the differential equation by eliminating a, b from  
$$z = axe^y + \frac{1}{2} a^2 e^{2y} + b$$
- Form a differential equation (partial) by eliminating the arbitrary function  $f$  from  
$$z = y^2 + 2f\left(\frac{1}{x} + \log y\right)$$
- Form a differential eqn (partial) by eliminating  $f$  and  $\phi$  from the relation  
$$z = y f(x) + x \phi(y)$$

classmate

Home Assignment -1  
B.Sc. - 6th sem (H)  
Paper - MAT-HC-6026

Date: 28/04/22

A home assignment is given to B.Sc. 6th Sem (H) students on the paper MAT-HC-6026. The last date of submission is 7 days from the date of assignment 28/04/22.

Submitted by

Date - Roll no -

1) Goutam Ray (30-47-22)	— 54
2) Minhajul Abedin (02/05/22)	— 98
3) Apurva Mandal (02/05/22)	— 28
4) <del>Satish Kumar</del>	— 83
5) Mukhtar Hussain "	— 799
6) Bhargava Ray (2/05/22)	— 12
7) Tinku Roy (2/05/22)	— 21
8) Kamal Ray (2/05/22)	— 26
9) Souvik Saha Ray (2/05/22)	— 102
10) Ritoparna Bhowmik (2/05/22)	— 103
11) Taslima Nasrin (2/05/22)	— 55
12) Taslima Nasrin (3/05/22)	— 162
13) Sajibul Islam (06/05/22)	— 130
14) Rashidul Islam (06/05/22)	— 121
15) Sahabuzzaman Begum (06/05/22)	— 94
16) Sanidul Islam (10-05-22)	— 100
17) Jannay Bhattacharya (11-05-22)	— 87



Assignment - I (2022)  
 ABHAYAPURI COLLEGE  
 Department of Mathematics  
 B.Sc. - 6<sup>th</sup> SEMESTER (H)

Subject - MATHEMATICS (Honours), Paper - MAT-HE-6046 (Hydromechanics)

Marks: 30

Date: 17-05-

a) A mass  $M$  of gas uniform temperature is diffused through all space, and at each point  $(x, y, z)$  the components of force per unit mass are  $-Ax, -By, -Cz$ . The pressure and density at the origin are  $p_0$  and  $\rho_0$  respectively. Prove that  

$$ABC \rho_0 M^2 = 8\pi^2 p_0^3$$

b) A mass of liquid of density  $\rho$  rests upon a plan subject to a central attractive force  $\frac{\mu}{r^2}$ , situated at a distance  $c$  from the plane on the side opposite to that on which is the fluid. Show that the pressure at a distance  $r$  from centre is  $\rho\mu \left(\frac{1}{r} - \frac{1}{c}\right)$ . Also, show that the thrust on the plane is  $\frac{\pi\rho\mu(a-c)^2}{a}$ , where  $a$  is the radius of the free spherical surface of the liquid

c) A fluid rests in equilibrium in a field of force,  $X = y^2 + z^2 - xy - xz$ ,  $Y = z^2 + x^2 - zy - xy$ ,  $Z = x^2 + y^2 - xz - yz$ . Show that the curves of equal pressure and density are a set of circles.

d) A mass of elastic fluid is at rest under the action of given forces. Determine the pressure at any point for both the cases when the temperature remains constant and when it varies.

e) A fine bent tube in the form of an ellipse is held with its major axis vertically and is completely filled with  $n$  liquids of densities  $\rho_1, \rho_2, \dots, \rho_n$ . If  $r_1, r_2, \dots, r_n$  be the focal distances of the successive points of separation of the liquids, prove that  

$$r_1(\rho_1 - \rho_2) + r_2(\rho_2 - \rho_3) + r_3(\rho_n - \rho_1) = 0$$

classmate

Date \_\_\_\_\_  
 Page \_\_\_\_\_

classmate

Date: 17/05/22  
 Page \_\_\_\_\_

Home Assignments

B.Sc. - 6<sup>th</sup> sem (H)

Paper: MAT-HE-6046 (Hydromechanics)

An assignment is given to B.Sc. - 6<sup>th</sup> sem honours students on the paper MAT-HE-6046 (Hydromechanics). The date of assignment is 17/05/2022. Students are asked to submit the assignment within the seven days from the date of assignment.

Signature of Students:

1. Goutam Ray (18/5/2022)
2. Karabi Ray (24/05/2022)
3. Bipan Patra (24/05/2022)
4. Bhampira Ray (24/05/2022)
5. Souvik Barua (24/05/2022)
6. Ashu Mandal (24/05/2022)
7. Janmay Shakua (25/05/2022)
8. Muntaaz Hussain ( " )
9. Shobur Rahman ( " )
10. Minhajul Akeel ( " )
11. Taslima Nashrin (25/5/2022)
12. Shobana Yasmin (25/5/2022)
13. Sahabaz Alam Bhuyan (31/5/22)
14. Sofiqul Islam (31/5/22)
15. Rashidul Islam (1/06/22)
16. Sanidul Islam (1-06-22)
17. Tanika Ray (15-06-2022)





**Attendance Sheet for Remedial Class: Session – 2018-19**

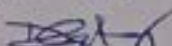
Semester: 1st Sem. (Major)  
Mathematics

Date: 14-11-2018

Time: 12:45 P.M

Sl. No	Name of Student	Class Roll No	Sl. No	Name of Student	Class Roll No
1	Saniul Hussein	41	27		
2	Sabina yesmin pathan	46	28		
3	Nargis Siddique	115	29		
4	Karabi Ray	38	30		
5	Krishna Devi Ray	12	31		
6	Sahina Akter	8	32		
7	Jubir kr. Pathak	063	33		
8	Soumit Jyoti Barman	100	34		
9	Sachin ch. Roy.	120	35		
10	Kamran Umar	1	36		
11	Atanu Bhowmick	606	37		
12	Bitopan Pathak	103	38		
13	Mehmun Mehmda Talukder	39	39		
14	Nrupen Sultadhar	135	40		
15	Moin uddin	57	41		
16			42		
17			43		
18			44		
19			45		
20			46		
21			47		
22			48		
23			49		
24			50		
25			51		
26			52		

Total No. of Student Present= 15

Signature of the Teacher: 

Date:

Addikant 2019-20

Attendance Sheet for Remedial Class: Session - 2019-19

Semester: 1<sup>st</sup> Semester (M)

Date: 22-10-19


Time: 2:00 P.M

Sl. No	Name of Student	Class Roll No	Sl. No	Name of Student	Class Roll No
1	Bitopan Parthak	103	27		
2	Muxton Hussien	09	28		
3	Karabi Ray	26	29		
4	Nashima Jemmin	162	30		
5	Suvor Syati Dasman	102	31		
6	Bhanupriya Ray	12	32		
7	Satabog Alam Bhuyan	24	33		
8	Jannay Thakuria	37	34		
9	Sofiqul Islam	130	35		
10			36		
11			37		
12			38		
13			39		
14			40		
15			41		
16			42		
17			43		
18			44		
19			45		
20			46		
21			47		
22			48		
23			49		
24			50		
25			51		
26			52		

Total No. of Student Present= 09

Signature of the Teacher:

Date:

  
24/10/19



2020-21

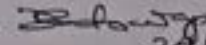
Attendance Sheet for Remedial Class: Session - 2018-19Semester: 3<sup>rd</sup> Semester (Major)

Date: 24-03-21

Time: 1:00 P.M

Sl. No	Name of Student	Class Roll No	Sl. No	Name of Student	Class Roll No
1	Bitopan Pathak	103	27		
2	Souvik Jyoti Barman	102	28		
3	Kanabi Ray	26	29		
4	Nashima Zerin	162	30		
5	Janmay Thakuria	37	31		
6	Bhannupriya Ray	12	32		
7	Muhammad Hussain	99	33		
8	Sahbaz Alam Bhujum	94	34		
9	Sofiqat Islam	130	35		
10			36		
11			37		
12			38		
13			39		
14			40		
15			41		
16			42		
17			43		
18			44		
19			45		
20			46		
21			47		
22			48		
23			49		
24			50		
25			51		
26			52		

Total No. of Student Present= 09

Signature of the Teacher:  24/03/21

Date: 24-03-21

Attendance Sheet for Remedial Class: Session - 2022-23

Semester: B.Sc. 1st Semester (Honours)

Date: 30/09/2022

Time: 2 P.M.

Sl. No	Name of Student	Class Roll No	Sl. No	Name of Student	Class Roll No
1	Masud Al Mamun	166	27		
2	Goleem Nabi	58	28		
3	Tonmani Das	46	29		
4	Jyotirmay Ray	109	30		
5			31		
6			32		
7			33		
8			34		
9			35		
10			36		
11			37		
12			38		
13			39		
14			40		
15			41		
16			42		
17			43		
18			44		
19			45		
20			46		
21			47		
22			48		
23			49		
24			50		
25			51		
26			52		

Total No. of Student Present= 04

Signature of the Teacher:

Ray

Date:

30/09/2022

## Mentoring Meeting

classmate

Date 02/11/2019

Page

A mentor-mentee meeting is held on 02/11/2019 at Room NU-8 to discuss the following—

i) To identify the strength and weakness in all fields of the following students mentee by using discussion method.

ii) Identify the hobbies and the field of interests.

iii) Identify the academic needs and to guiding them accordingly

iv) To Proactively try to identify the general problems faced by the students of any semester.

v) Misc.

The following students mentee present in the meeting \_\_\_\_\_

Signature:

- |                            |                         |
|----------------------------|-------------------------|
| 1. Mohamun Mehmda Jalundar | 02-11-2019              |
| 2. Washima Yasmin          | 02-11-2019              |
| 3. Najma Sultana           | 03-08-2019 & 02-11-2019 |
| 4. Nazmina Yasmin          | "                       |
| 5. Deep Sidha              | "                       |
| 6. Udit Das                | "                       |
| 7. Subanur Rahman          | "                       |

In the meeting a brief discussion about their strength, weakness and hobbies was held. Also encouragement to the students to participate multi-skilled activities held in the College. Try to guide & motivating the students to improve their results.



Also, Ensuring regularity & punctuality of students through counselling session.

Man  
02/11/2019.

## Mentoring meeting

A mentor-mentee meeting is held on 04/02/2021 (Thursday) at Room No-8 to discuss the following -

- 1) To discuss various rules & regulation of the College as well as department.
- 2) To Discuss about the CBCS semester System of the University, Various aspects of different examination like Sessional, end semester etc. for 1st sem students.
- 3) To discuss about various Co-curricular activities like NCC, NSS of the College, their Hobbies.
- 4) Misc and any difficulties faced by them.

The following students mentee present in the meeting -

1) 5 <sup>th</sup> sem (01)	Kamran Umar	4/2/21
2) 5 <sup>th</sup> sem (06)	Atanu Bhattacharya	04/02/21
3) 5 <sup>th</sup> sem (115)	Nargis Siddique	04/02/21
4) 3 <sup>rd</sup> sem (162)	Sardina Jamin	04/02/21
5) 3 <sup>rd</sup> sem (102)	Saanev Jyoti Barman	04/02/21
6) 3 <sup>rd</sup> sem (98)	Minkhajet Akashin	04/02/21

In the meeting a healthy discussion about their hobbies, field of interests, strength, weakness was held. They are advised to study more and also to participate different students activities held in the College. Also, students are asked to be punctual and try make Sincerity and discipline in all fields. The above topics are also discussed in the meeting.



A mentor-mentee meeting was held on with the following agenda -

1. To discuss about their difficulties and weakness in acquiring the topic discussed in class.
2. To discuss about the various future scopes of a student of mathematics.
3. To encourage the student to be focused, punctual and regular in their studies.
4. Misc.

The meeting was held in the presence of 3rd semester (Honours) students. Namely...

Name	Address	Signature
1. Mahananda Patra	vill - Charipuria Pt II. Father's name - Yudhishtira Patra Ph - 813599216	Mahananda Patra 4/12/2021
2. Hirok Sarma	vill: Longisingapara, Barapeta S/O: Kishor Mohan Sharma Ph: 7896049979	Hirok Sarma 4/12/2021
3. Abhijit Paul	vill: Bhakipara, P/O: Longisingar, Ph: 9864871750	Abhijit Paul 04/12/2021
4. Rezatul Islam	vill: Pahotali P.O: P. Chatala Ph: 8811022758	Rezatul Islam 04/12/2021

Name .	Address .	Signature
5. Milan Jyoti Ray	Hill Vill :- Bonghola pt-1 P.O :- Saijagram Ph :- 801147929	Milan Jyoti Ray 4/12/2021
6. Nishanta Ray	Town - Abhayapuri . W/D No - 5 P.O - Abhayapuri Ph - 7707038108	Nishanta Ray 4/12/2021

The discussion were very fruitful. I could feel the positive attitude and excitement of the students. Many of their problems and difficulties both academic as well as personal were also discussed. I hope the students were highly benefited from the meeting.

*(Signature)*  
 4/12/2021



A mentor-mentee meeting was held on with the following agenda ---

1. Encouraged them to be focused with their studies and the subject as well.
2. Discussed about their aim and motivation in life.
3. Discussed about the problems they were facing in acquiring the topics taught in the class.
4. Misc

The meeting was held in the presence of 3rd semester (Honours) students. Namely.

Name	Address	Signature
1. Mahananda Pathak	Vill - charipuria Pt-II S/O - Yudhishthir pathak Ph - 8155999216	Mahananda Pathak 08/01/2022
2. Hirak Sarma	vill - Lengfisinga para, Baragani S/O: kishori moham Sarma Ph: 7896049979	Hirak Sarma 8/01/2022
3. Milanijyoti Ray	vill: Barghala pt-1 <del>P.O.</del> S/O: Saibya kala Ray Ph: 801447929	Milanijyoti Ray 08/01/2022
4. Aditya Paul	vill: <del>Blackipara</del> , P/O: Lengfisinga, Ph: 9864871750	Aditya Paul 08/01/2022
5. Rezabul Islam	vill: Pahartali P.O: P. Chatala Ph: 9811022758	Rezabul Islam 08/01/2022

Name	Address	Signature
G. N. Shambhu Ray	Vill Town - Abhayapuri P.O. W/D No - V P.O. - Abhayapuri Ph - 97070 38108	Vishantia Ray 8/01/2022

The discussions were very fruitful. I could feel the positive attitude and excitement of the students. Many of their problems and difficulties both academic as well as personal were also discussed. I hope the students were highly benefited from the meeting.

*(Signature)*  
8/01/2022



An Induction program is held on today dated 08/08/2022 (Monday) of group no-19 in Smart class room-1. It discusses the following subjects-

- i) College Rules
- ii) Academic Management system of the College
- iii) Facilities of the College.
- iv) Assessment of the College by NAAC.
- v) Preparedness of the College on NEP 2020.
  
- vi) Institutional development plan of the College in terms of NEP-2020

The following students are present in the Induction programme —

### Signature

- 1) Purona Sutradhar B.A Roll no: 286
- 2) Arindam Das B.A Roll no 275
- 3) Nabonita Ray (H) B.A Roll NO 276
- 4) Hemra Saranah B.A Roll No :- 278 (Assamese)
- 5) Himashree Roy (H) B.A Roll NO - 279
- 6) Nur Afroz (H) B.A Roll no: 282
- 7) Krishna Choudhury (H) B.A Roll no: 283
- 8) Gayatri Roy (H) B.A. Roll no - 285
- 9) Banjit Barman, 'B&C' Regular, Roll no - 91
- 10) Rupam Ray, BSC Regular Roll - 92
- 11) Bhirengakumar Roy, BSC Regular Roll - 93
- 12) Debopriya Saha, (H) B.A Regular Roll - 281



13. Masud Akbergi Jaman. (H) B.Sc Roll. NO:- 95.
14. Shukim Nessa (H) B.A Roll no - 272
15. Bilkish Akhter (H) B.A Roll no - 273
16. Pabanshing Basumatary (H) B.A Roll no - 274
17. Akhida Khatun (H) B.A Roll No - 284
18. Tarali Ray. (H) B.A Roll NO - 277
19. Sofika Yesmin (H) B.A Roll NO - 280

During The meeting all college rules are explained to them and clarify their queries & then also explained the academic management system of the college. i.e, curriculum, attendance, Internal examination extra. Then discussed about the facilities of the college and about all committees. Finally, explained them about the NAAC and NEP 2020. Also a whatsapp group is opened among the mentor & mentees.

Ban  
08/08/2022.

**Abhayapuri College**

Teaching plan

**Session:** 2020-2021**Teacher Name:** Mintu Rabha

Month	Teaching days	Class	Paper	No. Of Classes Allotted	Unit	Topic Taught	Remarks
November(2020)	12	B.Voc(IT) 1 <sup>st</sup> Sem	INT-VC-1036 ( C )	10	1	Concept of computing	
		B.Voc(IT) 3 <sup>rd</sup> Sem	INT-VC-3016 (DS)		1	Introduction to Data Structure	
			INT-VC-3036 (OOP)		1	Principle of OOP	
		B.Voc(IT) 5 <sup>th</sup> Sem	S-5.2 (Linux)		1	Basic features of Linux	
December(2020)	20	B.Voc(IT) 1 <sup>st</sup> Sem	INT-VC-1036 ( C )	18	2	Data Types	
		B.Voc(IT) 3 <sup>rd</sup> Sem	INT-VC-3016 (DS)		2	Arrays	
			INT-VC-3036 (OOP)		2	Declaration Variable & Constant	
		B.Voc(IT) 5 <sup>th</sup> Sem	S-5.2 (Linux)		2	Basic file system	
January(2021)	20	B.Voc(IT) 1 <sup>st</sup> Sem	INT-VC-1036 ( C )	18	3	Conditional Statements	
		B.Voc(IT) 3 <sup>rd</sup> Sem	INT-VC-3016 (DS)		3	Queue,Stack	
			INT-VC-3036 (OOP)		3	Function	
		B.Voc(IT) 5 <sup>th</sup> Sem	S-5.2 (Linux)		2	Different shells in linux	

<b>February(2021)</b>	20	B.Voc(IT) 1 <sup>st</sup> Sem	INT-VC-1036 ( C )	19	4	Arrays	
		B.Voc(IT) 3 <sup>rd</sup> Sem	INT-VC-3016 (DS)		4	Linked List	
			INT-VC-3036 (OOP)		4	Classes and Object	
		B.Voc(IT) 5 <sup>th</sup> Sem	S-5.2 (Linux)		3	Process	
<b>March(2021)</b>	10	B.Voc(IT) 1 <sup>st</sup> Sem	INT-VC-1036 ( C )	09	5	Structures and Files	
		B.Voc(IT) 3 <sup>rd</sup> Sem	INT-VC-3016 (DS)		5	Trees	
			INT-VC-3036 (OOP)		5	Constructor and Destructor	
		B.Voc(IT) 5 <sup>th</sup> Sem	S-5.2 (Linux)		4	Managing user account	
<b>NO CLASSES DUE TO COVID TILL SEPTEMBER</b>							
<b>OCTOBER(2021)</b>	10	B.Voc(IT) 1 <sup>st</sup> Sem	INT-VC-1036 ( C )	10	1	Concept of computing	
		B.Voc(IT) 3 <sup>rd</sup> Sem	INT-VC-3016 (DS)		1	Introduction to Data Structure	
			INT-VC-3036 (OOP)		1	Principle of OOP	
		B.Voc(IT) 5 <sup>th</sup> Sem	INT-VE-5026 (Linux)		1	Basic features of Linux	
			CSE-SE-5024 (PHP)			1 & 2	Introduction to PHP/Handling HTML form

<b>NOVEMBER(2021)</b>	20	B.Voc(IT) 1 <sup>st</sup> Sem	INT-VC-1036 ( C )		2	Data Types	
		B.Voc(IT) 3 <sup>rd</sup> Sem	INT-VC-3016 (DS)		2	Arrays	
			INT-VC-3036 (OOP)		2	Declaration Variable & Constant	
		B.Voc(IT) 5 <sup>th</sup> Sem	INT-VE-5026 (Linux)		2	Basic file system	
			CSE-SE-5024 (PHP)		3	Conditional Event and Loops	
<b>DECEMBER(2021)</b>	15	B.Voc(IT) 1 <sup>st</sup> Sem	INT-VC-1036 ( C )	18	3	Conditional Statements	
		B.Voc(IT) 3 <sup>rd</sup> Sem	INT-VC-3016 (DS)		3	Queue, Stack	
			INT-VC-3036 (OOP)		3	Function	
		B.Voc(IT) 5 <sup>th</sup> Sem	INT-VE-5026 (Linux)	2	Different shells in linux		
			CSE-SE-5024 (PHP)	4	PHP function		

**Abhayapuri College**  
**Teaching Plan, Session: 2021-2022**

Department of MATHEMATICS

Name of the Teacher: ABHIJIT BARMAN

Month	Teaching Days	Class	No. of allotted classes	Topic to be taught	Remarks
OCT/ 2021		Sem-I Honours	4	Reduction formulae, derivatives and illustration of reduction for	Classes strats 25-10-21
		Honours	4	Transformation, pair of straight lines & examples.	
		Sem-III RC +DSC	5	Diff. equ, 1st order ordinary diffe. Equation Exact equ., I.F., Rules of IF	
		SEC	2	Introduction to CAS & application: plotting of graphs	
NOV/ 2021		Sem-V Honours	5	Vector spaces, sub spaces, nul& column spaces	
		Sem-I Honours	13	Reduction, volume by slicing disk & washer, Cylindrical shells, para.	
		Honours	15	Parabola, Parametric co-ord., ellipse 7 properties, Hyperbola & its Asymp.	
		Sem-III RC +DSC	18	Linear equa., trajectories, Higher order linear, Wronskian and proper.	
SEC	7	Plotting of different curves, working of matrices.			
Sem-V Honours	18	Linear transformation, kernal & Range, bases, Dim., ranges, eigen value & Eigen vectors., complex eigen values, Inner product.	Seminar/GD: 26/11		
DEC/ 2021		Sem-I Honours	17	arc length, length, Area, Triple product, vector function, limit & con.	
		Honours	17	Genral Conics, tangents, pole & poler, centre of conics, Central Conic	
		Sem-III RC +DSC	25	Reducing order, Linear Homogeneous & non Homo. equations, vari. Of parameter, Cauchy -euler equations, Simultaneous Equations.	
		SEC	8	Performing gauss elimination, minor & Cofactors, Lrage matrices Rank	
Sem-V Honours	25	Inner product, orthogonal projection, The spectral theorem, Discussion of questions.	Seminar/GD: 17/12, 20/12		
JAN/ 2022		Sem-I Honours	17	modelling, keplers law, Revision & important questions	
		Honours	16	Tangent & normal, properties, Discussion of questions.	Seminar/GD: 18/01
		Sem-III RC +DSC	22	Revision, Discussion of question papers.	
		SEC	7	Eigen value, eigen vectors & diagonalization, Question iscussions.	
Sem-V Honours	20	Discussion of questions.			
FEB/ 2022		Sem-I Honours			
		Honours			
		Sem-III RC +DSC			
		SEC			
Sem-V Honours					

 **Abhijit Barman**  
Signature of the Teacher



# Abhayapuri College

Teaching Plan, Session: 2021-22

Department of Mathematics

Name of Teacher: Shilpi Chutia

Month	Teaching Days	Class	Paper	No. of Alloted Classes	Topics to be taught	Remarks
November, 2021		Semester I	MAT-HC-1016	8	Higher order derivatives, Leibnitz rule and its applications to problems of type $e^{ax+b} \sin x$ , $e^{ax+b} \cos x$ , $(ax+b)^n \sin x$ , $(ax+b)^n \cos x$ .	
			MAT-HC-1026	4	Polar representation of complex numbers	
		Semester III	MAT-HC-3026	12	Cluster point or limit point of a set, limits of a function ( $\epsilon - \delta$ approach), sequential criterion for limits, divergence criteria, limit theorems, one sided limits, infinite limits and limits at infinity.	
			MAT-SE-3124	8	Basic counting principles, Permutations and combinations, the inclusion-exclusion principle, Pigeonhole principle.	
Semester V	MAT-HC-5016	20	Riemann integration: upper and lower sums; Darboux integrability, properties of integral, Fundamental theorem of calculus, mean value theorems for integrals, Riemann sum and Riemann integrability, Riemann integrability of monotone and continuous functions on intervals			
December, 2021		Semester I	MAT-HC-1016	8	Concavity and inflection points, asymptotes, curve tracing in Cartesian coordinates	
			MAT-HC-1026	4	$n$ th roots of unity	
		Semester III	MAT-HC-3026	12	Continuous functions, sequential criterion for continuity and discontinuity, algebra of continuous functions, continuous functions on intervals, maximum-minimum theorem, intermediate value theorem, location of roots theorem, preservation of intervals theorem, uniform continuity, uniform continuity theorem.	
			MAT-SE-3124	8	Graphs, Diagraphs, Networks and subgraphs, Vertex degree, Paths and cycles, Regular and bipartite graphs	
Semester V	MAT-HC-5016	20	Riemann integration: sum of infinite series as Riemann integrals, logarithm and exponential functions through Riemann integrals, improper integrals, Gamma functions. Metric spaces: definition and examples, sequences in metric spaces, Cauchy sequences, complete metric spaces. Open and closed balls			

Shilpi Chutia  
Signature of Teacher

## Abhayapuri College

Teaching Plan, Session: 2021-22

Department of Mathematics

Name of Teacher: **Shilpi Chutia**

January, 2022	Semester I	MAT-HC-1016	8	Tracing in polar coordinates of standard curves, L'Hopital's rule
		MAT-HC-1026	4	De Moivre's theorem for rational indices
	Semester III	MAT-HC-3026	12	Differentiability of a function at a point and in an interval, Caratheodory's theorem, chain rule, derivative of inverse function, Rolle's theorem, mean value theorem, Darboux's theorem, Cauchy mean value theorem
		MAT-SE-3124	8	Four cube problem, Social networks, Exploring and travelling, Eulerian and Hamiltonian graphs
Semester V	MAT-HC-5016	20	Metric spaces: neighbourhood, open set, interior of a set. Limit point of a set, closed set, diameter of a set, Cantor's theorem. Subspaces, dense sets, separable spaces. Continuous mappings, sequential criterion and other characterizations of continuity.	
February, 2022	Semester I	MAT-HC-1016	8	Applications in business, economics and life sciences.
		MAT-HC-1026	4	Applications of De Moivre's theorem
	Semester III	MAT-HC-3026	12	L'Hospital's rules, Taylor's theorem and applications to inequalities, Taylor's series expansions of exponential and trigonometric functions, $\ln(1+x)$ , $1/(ax+b)$ and $(1+x)^n$ .
		MAT-SE-3124	8	Applications to dominoes, Diagram tracing puzzles, Knight's tour problem, Gray codes.
Semester V	MAT-HC-5016	20	Uniform continuity, Homeomorphism, Contraction mappings, Banach contraction mapping principle. Connectedness, connected subsets of $\mathbf{R}$ , connectedness and continuous mappings.	

Shilpi Chutia  
Signature of Teacher

**Abhayapuri College**

Teaching plan

**Session:** 2020-2021**Teacher Name:** Madhusmita Das

Month	Teaching days	Class	Paper	No. Of Classes Allotted	Unit	Topic Taught	Remarks
November(2020)	12	B.Voc (IT) 1 <sup>st</sup> Sem	INT-VC-1016 ( FC )	10	1	Computer Architecture and Peripherals	
			INT-VC-1026 ( OA )		1	Documentation Using Word	
		B.Voc (IT) 3 <sup>rd</sup> Sem	INT-VC-3026 (SE)		1	Introduction to Software Processes & Characteristics, Software life cycle Models	
		B.Voc (IT) 5 <sup>th</sup> Sem	S-5.1 (CN)		1	Physical Layer	
December(2020)	20	B.Voc (IT) 1 <sup>st</sup> Sem	INT-VC-1016 (FC)	18	2	Operating System	
			INT-VC-1026 (OA)		2	Electronic Spread Sheet using Excel - Introduction to Excel	
		B.Voc (IT) 3 <sup>rd</sup> Sem	INT-VC-3026 (SE)		1	Software Requirements analysis & specifications	
		B.Voc (IT) 5 <sup>th</sup> Sem	S-5.1 (CN)		2	Digital Transmission	
January(2021)	20	B.Voc (IT) 1 <sup>st</sup> Sem	INT-VC-1016 (FC)	18	3	Network Fundamentals	
			INT-VC-1026 (OA)		3	Presentation using PowerPoint	
		B.Voc (IT) 3 <sup>rd</sup> Sem	INT-VC-3026 (SE)		2	Software Project Planning	
		B.Voc (IT) 5 <sup>th</sup> Sem	S-5.1 (CN)		3	Data Link Layer: Error correction and detection	

February(2021)	20	B.Voc (IT) 1 <sup>st</sup> Sem	INT-VC-1016 (FC)	19	4	Computer Security	
			INT-VC-1026 (OA)		4	Introduction to MS Access	
		B.Voc (IT) 3 <sup>rd</sup> Sem	INT-VC-3026 (SE)		3	Software Design	
		B.Voc (IT) 5 <sup>th</sup> Sem	S-5.1 (CN)		4	Wired LANs	
March(2021)	10	B.Voc (IT) 1 <sup>st</sup> Sem	INT-VC-1016 (FC)	09	5	Introduction to ICT Hardware	
			INT-VC-1016 (FC)		5	Adobe Page Maker Basic concept	
		B.Voc (IT) 3 <sup>rd</sup> Sem	INT-VC-3026 (SE)		3	Software Metrics	
		B.Voc (IT) 5 <sup>th</sup> Sem	S-5.2 (CN)		5	Routing Protocols	
<b>NO CLASSES DUE TO COVID TILL SEPTEMBER</b>							
OCTOBER(2021)	10	B.Voc (IT) 1 <sup>st</sup> Sem	INT-VC-1016 (FC)	10	1	Computer Architecture and Peripherals	
			INT-VC-1026 (OA)		1	Documentation Using Word	
		B.Voc (IT) 3 <sup>rd</sup> Sem	INT-VC-3026 (SE)		1	Introduction to Software Processes & Characteristics, Software life cycle Models	
		B.Voc (IT) 5 <sup>th</sup> Sem	INT-VE-5016 (CN)		1	Physical Layer	

<b>NOVEMBER(2021)</b>	20	B.Voc (IT) 1 <sup>st</sup> Sem	INT-VC-1016 (FC)	15	2	Operating System	
			INT-VC-1026 (OA)		2	Electronic Spread Sheet using Excel - Introduction to Excel	
		B.Voc (IT) 3 <sup>rd</sup> Sem	INT-VC-3026 (SE)		1	Software Requirements analysis & specifications	
		B.Voc (IT) 5 <sup>th</sup> Sem	INT-VE-5016 (CN)		2	Digital Transmission	
<b>DECEMBER(2021)</b>	15	B.Voc (IT) 1 <sup>st</sup> Sem	INT-VC-1016 (FC)	13	3	Network Fundamentals	
			INT-VC-1026 (OA)		3	Presentation using PowerPoint	
		B.Voc (IT) 3 <sup>rd</sup> Sem	INT-VC-3026 (SE)		2	Software Project Planning	
		B.Voc (IT) 5 <sup>th</sup> Sem	INT-VE-5016 (CN)		3	Data Link Layer: Error correction and detection	





SKilled Test, 2020  
B. Sc. 1st Sem (Honours), Full Marks-25  
Date - 03/12/2020

Sl. No	Roll No	Name of the students	Marks obtain- ed (20)	Remarks
1	01	Bishnu Jyoti Singha	18	
2	44	Abdul Alim	17	
3	66	Amina Khatun	16	
4	81	Ratul Das	17	
5	85	Imdadul Islam	16	
6	87	Khadijatul Jannat	16	
7	91	Rinkumoni Dutta	17	
8	93	Minuvara Khatun	17	
9	95	Kripan Nath	18	
10	98	Rupamai Das	18	
11	99	Abhishek Mazumdar	16	
12	101	Bijoy Mandal	16	
13	106	Sarnik Sarkar	16	
14	114	Udit Medhi	16	
15	125	Ankita Roy	20	
16	128	Hercambo Roy	18	
17	132	Susmita Sarkar	21	
18	162	Moxami Begum	16	
19	199	Rubiya Sultana	17	

Total Present = 19 (Nineteen)

Date - 03/12/2020



Skill Test, 2021  
B.Sc 1st Sem (Honours), Full Mark:- 25  
Date - 23-11-2021

Sl No	Roll No	Name of Student	Mark obtained	Remarks
1	14	Shamina Parbin	15	
2	22	Maikon Ahmed.	14	
3	43	Laila Yasmin	15	
4	69	Prilisha Medhi	07	
5	83	Mehzeb Zaman	07	
6	111	Mashud Ahmed.	11	

Total Present: 6 (Six)

Date - 23.11.21

# MARK SHEET

## ABHAYAPURI COLLEGE

H.S.-I/H.S.-II, PREPARATORY/ANNUAL EXAMINATION, 2021.....  
T.D.C. 1<sup>ST</sup> SEM./2<sup>ND</sup> SEM./3<sup>RD</sup> SEM./4<sup>TH</sup> SEM./5<sup>TH</sup> SEM./6<sup>TH</sup> SEM.

B.Sc 1<sup>st</sup> Semester (C.B.C.S) Skill Test - Exam

Mathematics (Honours)

Full Marks : 30

Please Submit Marks and  
Scripts on or before

Sl. No.	Roll No.	Name	Marks	Sl. No.	Roll No.	Name	Marks
1	02	Uddatta Ray	25	25	127	Prasenjit Barman	21
2	04	Jyotesman Dey	23				
3	08	Jeet Subrahar	25				
4	12	Pratam Bhowmik	23				
5	13	Lab Kumer Das	22				
6	15	Sarwajit Kumar Sarker	24				
7	18	Asma Khatun	26				
8	28	Palash Ranjita Ray	22				
9	34	Kaankon Athikary	25				
10	35	Subrata Sarker	22				
11	36	Shibu Basak	25				
12	39	Shahel Rana Ahmed	21				
13	52	Nargis Sultana Ahmed	20				
14	56	Jinlu Das	21				
15	61	Ankurjyoti Ray	20				
16	62	Abdul Latif	21				
17	65	Sukdeb Das	19				
18	68	Hasanur Rahman	18				
19	77	Anaita Arya	18				
20	87	Mohibul Islam	28				
21	92	Chayanika Nath	29				
22	94	Ashraful Islam	25				
23	106	Dipankar Das	23				
24	108	Sanjit Kr Das	20				

Department Mathematics

Date: 27/11/2021

 27-11-2021  
 Examiner's Signature

# Kahoot!

## You have been challenged!

Open for: 3 days 2 hours



**Quiz on Linguistics**

10 questions      Hosted by: nabajitmazumdar47

8  
Players

assam

papita

Puspolota Barua

Jahangir Alom







**Join the game**



# Kahoot!

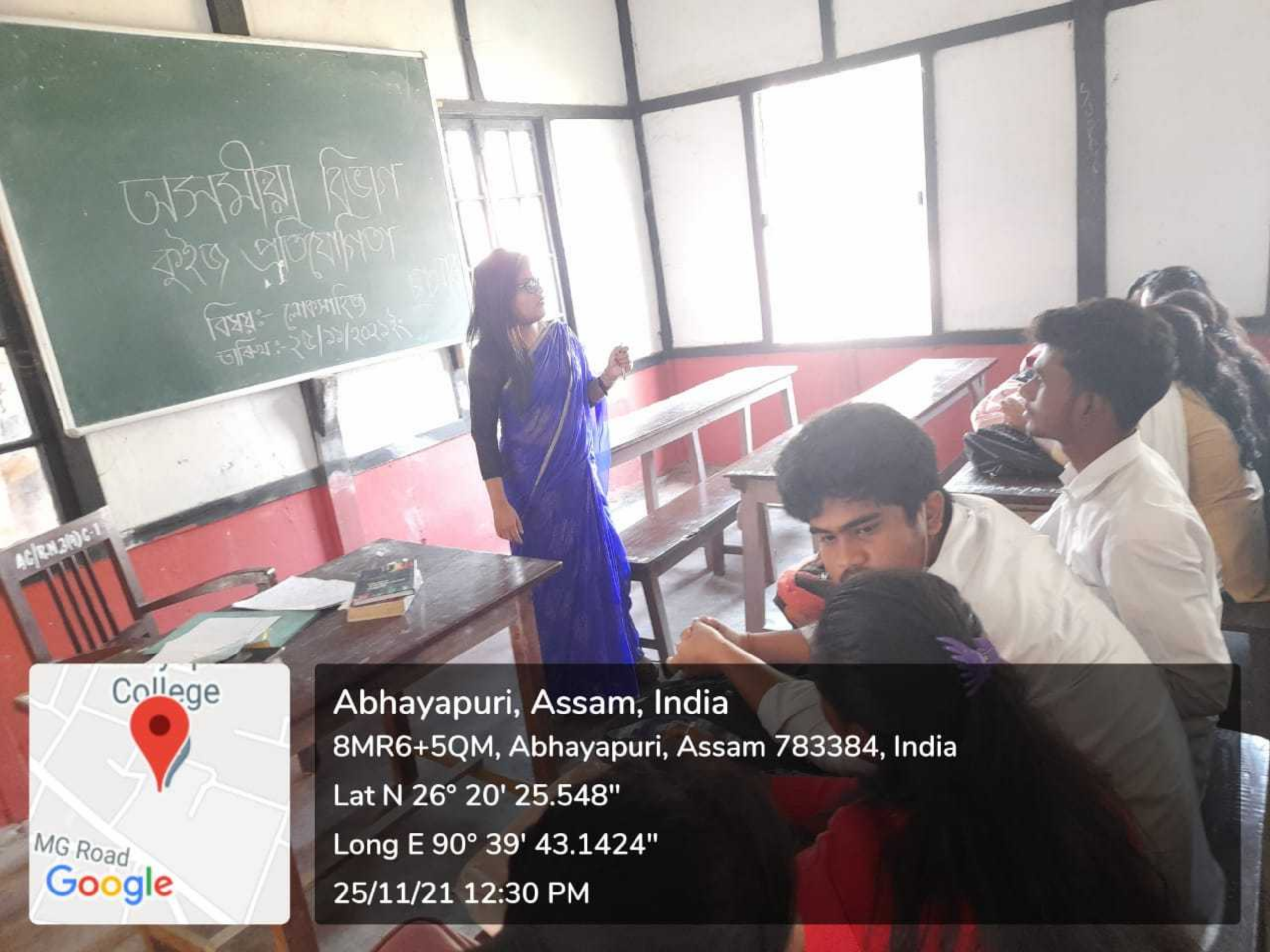
## You have completed the challenge

Open for: 3 days 2 hours

1 jon		7122
2 Manisha		6074 
3 papita		5863
4 Puspolota Barua		4569
5 Momi		3186



Save this link and come back to see the podium once the challenge has finished



অসমীয়া বিভাগ  
বৃত্ত প্ৰতিষ্ঠাপিত  
বিষয়: মোক্ষবিভূ  
তাৰিখ: ২৫/১১/২০২১

College



MG Road  
Google

Abhayapuri, Assam, India  
8MR6+5QM, Abhayapuri, Assam 783384, India  
Lat N 26° 20' 25.548"  
Long E 90° 39' 43.1424"  
25/11/21 12:30 PM





College



MG Road  
Google

**Abhayapuri, Assam, India**  
**8MR6+5QM, Abhayapuri, Assam 783384, India**  
**Lat N 26° 20' 25.5012"**  
**Long E 90° 39' 43.056"**  
**25/11/21 12:30 PM**





Abhayapuri, Assam, India

Main Rd Abhayapuri, Abhayapuri, Assam 783384, India

Lat N 26° 20' 26.1744"

Long E 90° 39' 45.1656"

02/03/21 03:19 PM





## Untitled form

Questions

Responses **23**

Settings

23 responses



Accepting responses



Summary

Question

Individual

Name

23 responses

Bhrigu jyoti Ray

Jhumpamoni Ray

Prithiraj barman

Dhiramoni sutradhar

Rimpimoni Ray

মৃত্যুঞ্জয় শৰণীয়া।

Chayanika Ray



Class Test, Dept of Assamese, Abhayapuri Cc

Questions

Responses **251**

Settings

# 251 responses



Accepting responses



Summary

Question

Individual

## Name in CAPITAL LETTER

251 responses

BARSHA BARMAN

DIPTI BALA DAS

NUR NEHAR BEGUM

Lakhan Barman, ১৭২

297

Sajida Yasmin ( 272)

196



Dept. of Assamese, Abhayapuri College

Questions

Responses **240**

Settings

# 240 responses



Accepting responses



Summary

Question

Individual

## Name in CAPITAL Letters

240 responses

KABITA RAY

PUJA PRADHAN

TRISHNA BARUAH

NABONITA RAY

Somed Ali

DEBABRATA MANDAL

PREETI RAY



## Skill Test, Dept. of Assamese

Questions

Responses **31**

Settings

31 responses



Accepting responses



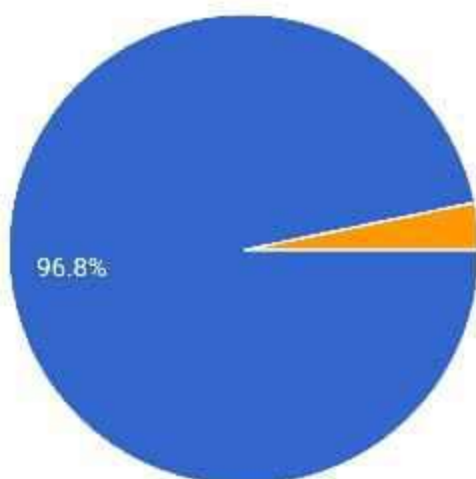
Summary

Question

Individual

তলৰ কোনটো লোকনাট্য নহয়?—

31 responses



- অংকীয়া নাট
- পুতলা নাচ
- ওজাপালি

'ব্যাকৰণ' শব্দৰ ব্যুৎপত্তিগত অৰ্থ—

২) অৰুণোদয়ৰ প্ৰথম সম্পাদক কোন আছিল ?

- গুণাভিৰাম বৰুৱা
- মাইলচ ব্ৰন্সন
- লক্ষ্মীনাথ বেজবৰুৱা
- নাথান ব্ৰাউন

৩) সাম্প্ৰতিক সময়ৰ আগশাৰীৰ আলোচনী 'গৰীয়সী'ৰ সম্পাদক কোন ?

- লক্ষ্মীনন্দন বৰা
- হীৰেণ গোহাঁই
- কুলধৰ শইকীয়া
- অনুৰাধা শৰ্মা পূজাৰী

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Questions Responses 40 Settings

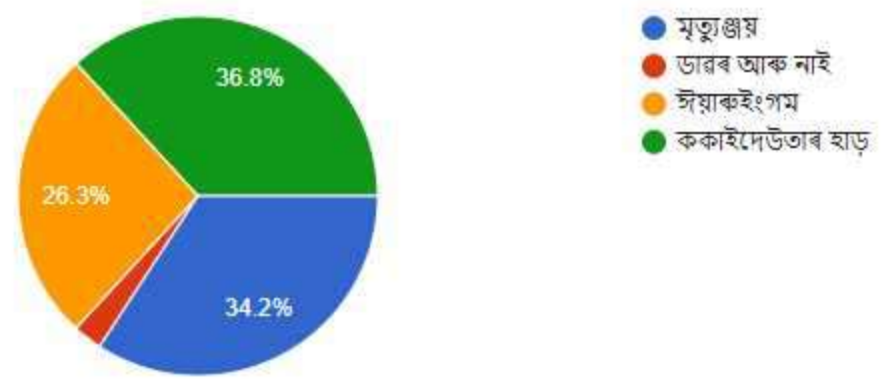
40 responses

Accepting responses

Summary Question Individual

১) সাহিত্য অকাডেমী বঁটা প্রাপ্ত প্রথম অসমীয়া উপন্যাসখনৰ নাম কি ?

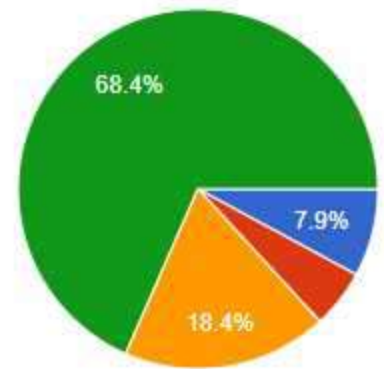
38 responses



Questions Responses 40 Settings

২) 'অৰুণোদয়'ৰ প্ৰথম সম্পাদক কোন আছিল ?

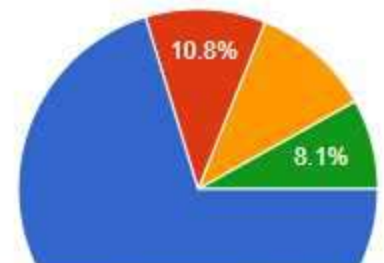
38 responses



- গুণাভিৰাম বৰুৱা
- মাইলচ ব্ৰসন
- লক্ষ্মীনাথ বেজবৰুৱা
- নাথান ব্লাউন

৩) সাম্প্ৰতিক সময়ৰ আগশাৰীৰ আলোচনী 'গৰীয়সী'ৰ সম্পাদক কোন ?

37 responses



- লক্ষ্মীন্দন বৰা
- হীৰেণ গোহাঁই
- কুলধৰ শইকীয়া
- অনুৰাধা শৰ্মা পূজাৰী

# স্নাতক তৃতীয় ষাণ্মাসিক (অসমীয়া সন্মান পাঠ্যক্রম), অভয়াপুৰী মহাবিদ্যালয়

স্নাতক তৃতীয় ষাণ্মাসিকৰ অসমীয়া সন্মান বিংঘৰৰ শিক্ষার্থীৰ বাবে MCQ আৰ্হিৰে প্ৰস্তুত কৰা প্ৰশ্ন-কাকত  
(Each question carry 1 marks)

Untitled Title

Description (optional)

১) তলৰ কোনজন প্ৰাক শংকৰী যুগৰ কবি নহয় ?

- মাধৱ কন্দলী
- অনন্ত কন্দলী
- হৰিবৰ বিপ্ৰ
- কবিৰত্ন সৰস্বতী

- + (Add)
- 📄 (New)
- 🔍 (Search)
- 🖼️ (Image)
- 🎥 (Video)
- ☰ (List)

# দক্ষতা পৰীক্ষা

অসমীয়া সাহিত্যৰ ওপৰত নিজৰ দক্ষতা পৰীক্ষা কৰো আহক

১) সাহিত্য অকাডেমী বঁটা প্ৰাপ্ত প্ৰথম অসমীয়া উপন্যাসখনৰ নাম কি ?

- মৃত্যুঞ্জয়
- ডাৱৰ আৰু নাই
- ঈয়াকুইংগম
- ককাইদেউতাৰ হাড়

২) 'অৰুণোদয়'ৰ প্ৰথম সম্পাদক কোন আছিল ?

- গুণাভিৰাম বৰুৱা

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Questions Responses **34** Settings

### 34 responses

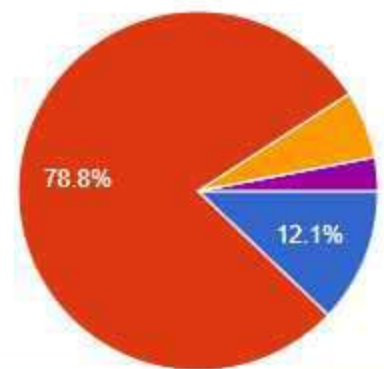
Accepting responses:

Summary Question Individual

#### Untitled Title

১) তলৰ কোনজন প্ৰাক শংকৰী যুগৰ কবি নহয় ?

33 responses



- মাধৱ কন্দলী
- অনন্ত কন্দলী
- হৰিবৰ বিপ্ৰ
- কবিৰত্ন সৰস্বতী
- স্বয়ংকইংগম



## Online Test, BA 1st Sem Hons

Questions

Responses **40**

Settings

40 responses



Accepting responses



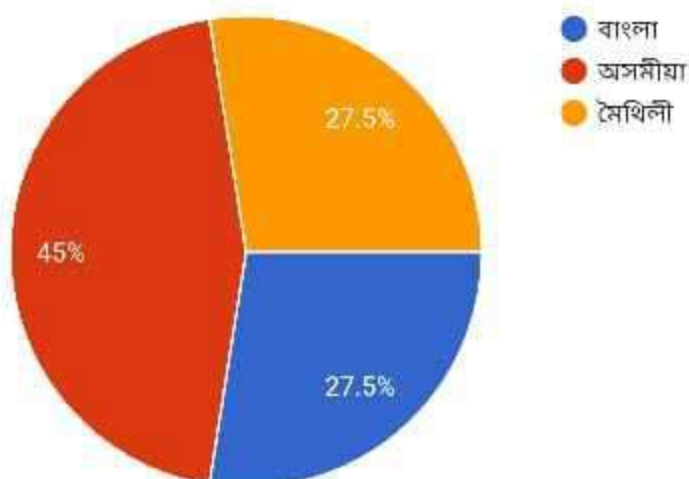
Summary

Question

Individual

চৰ্যাপদৰ ভাষাত কোনটো ভাষাৰ উপাদান সৰহ? -

40 responses



চৰ্যাপদসমূহ কোনটো ধৰ্মৰ সৈতে জড়িত? -



# Online Test

Questions

Responses **32**

Settings

## 32 responses



Accepting responses



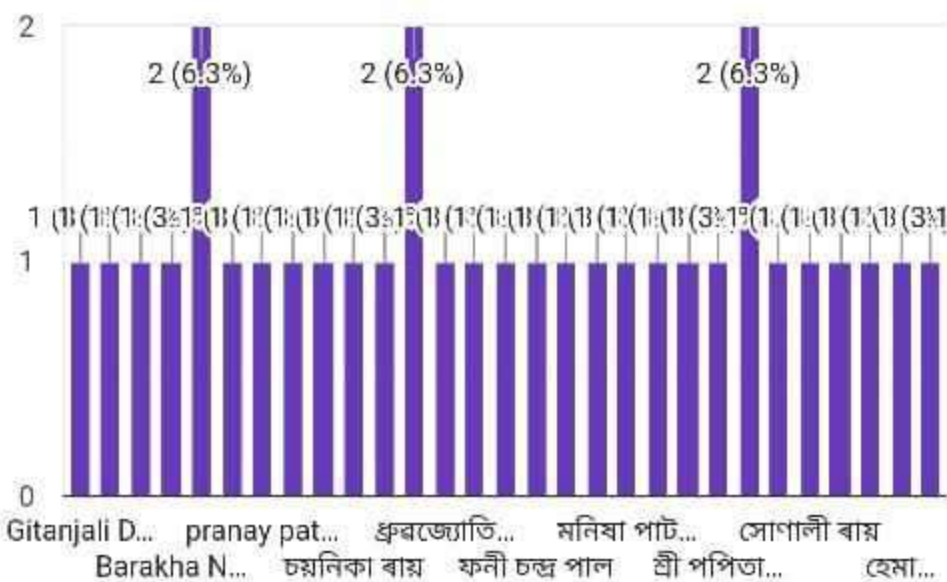
Summary

Question

Individual

### নাম

32 responses





Class Test, Dept of Assamese, Abhayapuri Cc

Questions

Responses **251**

Settings

# 251 responses



Accepting responses



Summary

Question

Individual

## Name in CAPITAL LETTER

251 responses

BARSHA BARMAN

DIPTI BALA DAS

NUR NEHAR BEGUM

Lakhan Barman, ১৭২

297

Sajida Yasmin ( 272)

196





## BA 3rd Sem SEC Online Test

Questions

Responses **97**

Settings

97 responses



Accepting responses



Summary

Question

Individual

G. U. Roll no

97 responses

U 2003421697263

UA-201-268-0401

UA-201-268-0386

0482

UA-201-268-0316

UA-201-268-0234

UA-201-268-0476



## বস্তুনিষ্ঠ সংক্ষিপ্ত প্রশ্নাবলী

Questions

Responses **67**

Settings

# 67 responses



Accepting responses



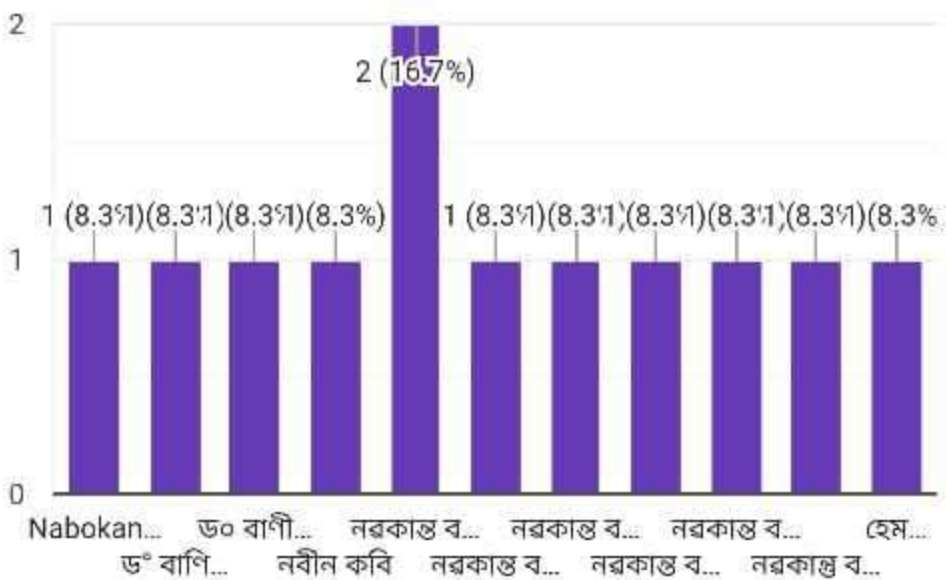
Summary

Question

Individual

আধুনিক অসমীয়া কবিতাৰ ভাষা নিৰ্মাণত কোন  
কবিয়ে আগভাগ লৈছিল?

12 responses



Abhayapuri College

SKILL TEST-202 0

Class: BSc Semester-1 (Chemistry Honors)

Total Marks=20 Time-45 Minutes

- 1.Q. Write the general formula of Alkane and Alcohol.
- 2.Q. Write the electronic configuration of C and Si.
- 3.Q. Write the formula of Caustic Soda and Baking Soda.
- 4.Q. Give the definition of first law of thermodynamics.
- 5.Q. Which metal and non metal are found in liquid state at room temperature?
- 6.Q. What do you mean by pH? Give one example of acidic buffer.
- 7.Q. Give the structural formula of Salicylic Acid and IUPAC name of Glycerol.
- 8.Q. Write the hybridization state of central atoms in Ammonia and Phosphorus Pentachloride.
- 9.Q. Besides Vander Waal's force, what additional bondings are there among ethanol molecules? How will you prepare alkane?
10. Write the expression of rate constant for first order reaction. What is its unit?

\*\*\*\*\*

Skill Test - 2020

5/4/20

BSc Sem-I Chemistry (Honors)

Name	Remarks
	19
Nilima Khatun.	19
Nurceza Khatun.	19
29 Jesmina Khatun	18
109 Anjuma Khatun	16
74 Md. Eusuf Ali	17
203 Monalicha Begum	15
43 Reinketa Das	17
56 Kamkam Ray	17
62 Sabrin Alom	19
181 Meyesuddin	20
58 Ashraf Iqbal Sarkar	19
27 Imran Hussain	19
71 Shebrata Barman	18
54 Chiranjit Modak	19
70 Parimal Roy.	



B.A. 1st Sem Assamese Honours

A. List of students: - From Merit List

1. Alakesh Rajbongshi (13)
2. Anupam Ray (31)
3. Anupriya Ray (33)
4. Babul Das (43)
5. Bandana Sutradhar (46)
6. Bhaskar Sarkar (52)
7. Chiranjyoti Ray (56)
8. Bhupati Ray (58)
9. Bikash Sarania (61)
10. Bismajeet Barman (68)
11. Bismajit Rabha (69)
12. Chayanika Ray (74)
13. Dhira Moni Sutradhar (97)
14. Dhiramoni Ray (98)
15. Dipamani Rabha (106)
16. Dukamani Ray (108)
17. Geopi Nath Ray (~~110~~ 114)
18. Harshajyoti Ray (120)
19. Himashri Das (127)
20. Jannoni Singha (136)
21. Jhumpamoni Ray (139)
22. Jotin Ch. Ray (144)
23. Junmani Devi (149)
24. Juxi Barman (151)

**Skill Test, 2021**

**Dept. of Assamese, Abhayapuri College**

**দক্ষতা পৰিমাণন পৰীক্ষা**

সময়: ১ ঘন্টা

মূল্যাংক: ৩০

১। তলৰ যিকোনো দুটা প্ৰশ্নৰ উত্তৰ লিখাঁ:—  $৭ \times ২ = ১৪$

ক) চৰ্যাপদ সম্পৰ্কে এটা টোকা প্ৰস্তুত কৰাঁ।

খ) প্ৰাক্ শংকৰী যুগৰ সাহিত্যিক পটভূমি বিচাৰ কৰাঁ।

গ) চৰিত সাহিত্যৰ পৰিচয় দি চাৰিটা মূল বৈশিষ্ট্য লিখাঁ।

ঘ) তুমি আগতে পঢ়ি অহা যিকোনো এটা কবিতাৰ মূলভাব লিখাঁ।

২। তলৰ যিকোনো দুটা প্ৰশ্নৰ উত্তৰ লিখাঁ:—  $৮ \times ২ = ১৬$

ক) তোমাৰ অঞ্চলৰ সামাজিক সমস্যাসমূহ উল্লেখ কৰি সেইবোৰৰ সমাধানৰ উপায় আগবঢ়োৱাঁ।

খ) উচ্চ শিক্ষাৰ বিষয় আৰু মাধ্যম হিচাপে অসমীয়া ভাষা-সাহিত্যক বাছনি কৰাৰ কাৰণ দৰ্শাই ব্যক্তিগত মত ব্যক্ত কৰাঁ।

গ) তোমাৰ জীৱনত গভীৰ প্ৰভাৱ পেলোৱা এখন কিতাপৰ বিষয়ে এটা আলোচনা যুগুত কৰাঁ।

ঘ) বিগত ৫০ বছৰত অসমৰ জাতীয় জীৱনৰ বিভিন্ন দিশত সংঘটিত গুৰুত্বপূৰ্ণ ঘটনা বা পৰিৱৰ্তনসমূহত আলোকপাত কৰাঁ।

25. Kabita Ray (158)
26. Keshab Das (166)
27. Lakshyhora Ray (174)
28. Manikha Ray (183)
29. Monomoti Barman (203)
30. Msiteunjay Sarania (207)
31. Nabadeep Ray (209)
32. Nayamjyoti Ray (213)
33. Nikita Sarkar (214)
34. Nipun Ray (217)
35. Pran Krishna Biswas (231)
36. Pranjal Sarania (232)
37. Prithiraj Barman (234)
38. Prithisikha Pathak (236)
39. Rakhi Bala Ray (252)
40. Rimpimoni Ray (259)
41. Samiwar Khatun (278)
42. Shikhamoni Ray (289)
43. Sumi Kalita (306)
44. Suniti Ray (308)
45. Tarali Ray (313)



Students admitted in vacant seats

1. Manash Das
2. Nazim Rahman
3. Suhel Ahmed

Students admitted by changing Hons subject

1. Abu Sahil (06)
2. Arif Rahman (35)
3. Priya Sarkar (237)
4. Jitumoni Das (153)
5. Krishnagana Das (321)
6. Papari Das (225)

$$\text{Total} = 45 + 03 + 06 = 54$$

*Rukunuddin Ahmed* 12/10/2021  
Rukunuddin Ahmed  
Head of the Deptt., Assam  
Abhayapuri College





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## Teachers



Santanu Konwar

## Students

12 students



Actions ▾



Rashidul Islam Ahmed



Merina Aktar



Merina Aktar



Ashim



SUSEN BARMAN



Nikita Chakraborty



Bikram Deka



papon ghosh



Aliul Islam



Bikash jyoti Kalita




Mosfika Khatun







shahinur alom mondal

sushennamodas53468@email.c...  
(invited)


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# B. Sc. 1st Semester (Physics Honours)



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 **Santanu Konwar**  
Apr 30, 2021 


PPT of today's class

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PDF


  

 **Santanu Konwar**  
Apr 29, 2021 



PPT of todays class

 **class\_29-04-2021.pdf**  
PDF

 1 class comment

 **papon ghosh** Apr 29, 2021  
Thank you sir

  **Santanu Konwar**  
Apr 27, 2021 

Here are the notes on relativty till todav's class.

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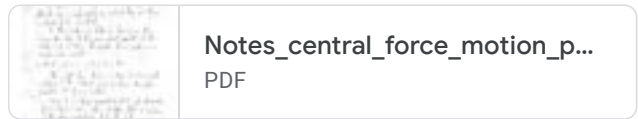
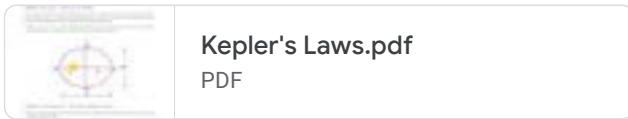
**Nikita Chakraborty** Apr 27, 2021  
Thank you sir

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**Santanu Konwar**  
Apr 9, 2021



Here are the notes on the second part of central force motion and Kepler's Laws



1 class comment

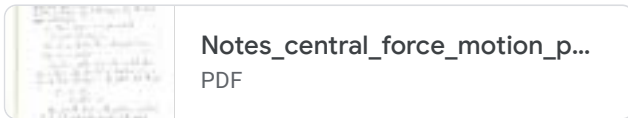
**Nikita Chakraborty** Apr 9, 2021  
Thank you sir

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**Santanu Konwar**  
Apr 3, 2021



Here are the notes on the first part of central force motion.



2 class comments

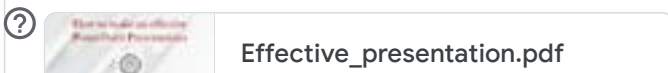
**Bikram Deka** Apr 3, 2021  
thank you sir

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**Santanu Konwar**  
Mar 24, 2021



Here is the pdf of today's presentation.



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Thank you sir 😊



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Santanu Konwar

Mar 21, 2021



Here are the notes on Gravitational potential and field due to a spherical shell and a solid sphere.



Gravitation potential and field ...

PDF



6 class comments



Aliul Islam Mar 22, 2021

Thank you sir



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Santanu Konwar

Mar 21, 2021



Welcome to the class. From now on you will get all the digital notes and related material in this classroom only.



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Santanu Konwar

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8 students



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abdul baten



bbipul9741@gmail.com (invited)



Mominul Hoque Choudhury



Khairul Islam



Hasina Khatun



Shukiron Nessa



Sahanas Parbeen



Amit Ray



Deepa Ghosh Talukdar





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Edited May 27

Syllabus

Posted May 22

Class Notes

Edited Aug 15



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Text Books

Posted Apr 28





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## Teachers



Santanu Konwar

## Students

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Rashidul Islam Ahmed



Merina Aktar



Ashim



SUSEN BARMAN



Nikita Chakraborty



Bikram Deka



papon ghosh



Bikash jyoti Kalita



Mosfika Khatun



Sushen Nam Das





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## Reading Materials



Text Books

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Introduction-to-Electrod...  
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Optics by Ghatak.pdf  
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Concept of Modern Phys...  
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Optics by Eugene Hecht ...  
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Unit IV: Polarization of Electromagnetic ... 1

Edited Jun 24

