

**SARAT CENTENARY COLLEGE**

Department of Mathematics

Date:09/11/2020

**Submission of Assignments for Internal Assessment****1. For B.Sc 2<sup>ND</sup> Semester Mathematics Honours**

| Paper         | Assignment Description  | To be submitted to the Email ID |
|---------------|---|---------------------------------|
| CC-3&<br>CC-4 | To be taken through Google forms, link of which is already submitted to WhatsApp Group and in Google class Room | --                              |

**2. For B.Sc 2<sup>ND</sup> Semester Mathematics General (Pure Science): No Candidates (If there be any please contact at the number provided at the end of this notice)****3. For B.Sc Mathematics Honours 4<sup>th</sup> Semester**

| Paper           | Assignment Description  | To be submitted to the Email ID |
|-----------------|---|---------------------------------|
| CC-8<br>&SEC-2  | Shared in the respective WhatsApp Group & in Google Class Room  | ujjalmukherjee65@gmail.com      |
| CC-9 &<br>CC-10 | To be taken through Google forms, link of which is already submitted to WhatsApp Group and in Google class Room | --                              |

**4. For B.Sc 4<sup>th</sup> Semester Mathematics General & GE**

| Paper                         | Assignment Description (Answer All)   | To be submitted to the Email ID |
|-------------------------------|---|---------------------------------|
| CC1D<br>/GE<br>(Algebra)      | State and prove Langrange's Theorem for finite groups. (5)<br>Prove that a finite integral domain is a field. (5)   | shampadutta03@gmail.com         |
| SEC-2<br>(Vector<br>Calculus) | Determine the value of b so that the vectors $\mathbf{u}=\langle 4,-5,3\rangle$ , $\mathbf{v}=\langle -2,0,-5\rangle$ and $\mathbf{w}=\langle b,-1,6\rangle$ are in the same plane. (2)<br>Define the Laplacian of a scalar field. (2)<br>Define solenoidal and irrotational vector field. (3)<br>Find the value of $\text{div curl } \mathbf{a}$ , where $\mathbf{a}$ is a vector. (3) | pramitrej@gmail.com             |

Contd..

**The assignment written on A4 size paper must carry the following details of the student:**

1. Name of the Student
2. University Roll number:
3. University Registration number:
4. Paper Name:
5. Student's Mobile Number:

(Example: **Name-** Rita Saha, **Univ. Roll No.-** 170241200004, **Registration No.-** 201701050430 Of 2017-18, **Paper-** GE, **Mobile No.-** 9830098300)

**Last date of submission: 16 November, 2020.**

Send the scan copy of the hand written assignment to the respective email id as mentioned above.

If due to technological limitation or for any other valid reason any student faces problem in sending the assignment he/she must communicate the matter by 12 September, 2020 for alternative arrangement to the mobile number 9474952835 / 8910645284.

Sd/ Dr U. K. Mukherjee

HOD of Mathematics

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