## **ASSAM UNIVERSITY: SILCHAR**

## **DEPARTMENT OF MATHEMATICS**

## NOTICE

This is for information to all Ph.D. aspiring candidates that the written test in regard to the Ph.D. admission of the Department of Mathematics, Assam University, Silchar for the session 2023-24 will be held on 14<sup>th</sup> December, 2023 at 11:00 A.M. covering Research Methodology and the following areas of Mathematics:

- 1. Analysis (Real & Complex)
- 2. Algebra
- 3. Differential Equations (ODEs & PDEs)
- 4. Operation Research
- 5. Numerical Analysis
- 6. Fluid Dynamics
- 7. Linear Algebra
- 8. Calculus of Variations and Integral Equations.

There will be 40 MCQs (Multiple Choice Questions) in Part A (based on Research Methodology) from which only 25 questions are to be attempted. In Part-B (based on above topics of Mathematics) out of 40 MCQs (Multiple Choice Questions) only 25 questions are to be attempted.

The candidates who will be qualifying in the written test are only eligible for the Personal Interview to be held on 14<sup>th</sup> December and 15<sup>th</sup> December, 2023 respectively. The written test qualified candidates are required to present a topic from their research interest during Personal Interview.

Ssengulate.
HOD, Mathematics 10/12/2023