## ASSAM UNIVERSITY: SILCHAR DEPARTMENT OF MATHEMATICS

No. AU/MS/Admn/2020-21/ | 549

Date: 03.11.2022

## ADMISSION NOTICE

This is for information to all the candidates appearing Research Entrance Test (RET) for admission in Ph.D programme in Mathematics for the session 2022-23, that the examination will be conducted in offline mode on 10<sup>th</sup> November, 2022 at 11.00 AM onwards. The questions for RET will comprise of the following parts.

PART-A: Twenty five 1 mark multiple choice questions (MCQs) on Research Methodology only each question having 4 options with only one correct option

PART-B: Fifteen 1 mark subject based multiple choice questions (MCQs) each having 4 options with one correct option.

PART-C: Five subjects based 2 mark multiple choice questions (MCQs) having 4 options with more than one correct options

For Part B & C the MCQs will be covered on the following areas of Mathematics

Real Analysis, Complex Analysis, Operation Research, Ordinary Differential Equations & Partial Differential Equations, Numerical Analysis, Linear Algebra, Fluid Dynamics, Algebra.

RET qualified candidates will be called for Personal Interview (PI) on 10<sup>th</sup> Nov, 2022 at 2.30 PM onwards. Candidates are advised to bring their original documents for verification at the time of PI. All the RET qualified candidates are to present a topic based on their of research interest at the time of Personal Interview (PI).

(Prof. Sanjib Sengupta)

Deingnote

Head, Dept. of Mathematics.