DEPARTMENT OF MATHEMATICS
SIKSHA BHAVANA (INSTITUTE OF SCIENCE)
VISVA-BHARATI, SANTINIKEATAN, WEST BENGAL

NOTIFICATION

Ph. D. Entrance Test (PET) in Mathematics-2023

All applicants / candidates without NET (JRF) are requested to appear at the Ph.D. Entrance Test (PET) in Mathematics.

1. **Date and time of PET:** 30.11.2023 (Thursday) in Offline Mode (**Written**) ; 2.00 P.M. to 4.00 P.M.

2. **Venue:** Department of Mathematics, Siksha-Bhavana, Visva-Bharati, Santiniketan-731 235, West Bengal.

3. The candidates must report at the Department of Mathematics **by 11.30 A.M.** for verification.

4. Candidates should bring with them a hard copy of the Ph.D. application form, all supporting documents/testimonials in original, an original Government issued photo identity card (e.g., Aadhar Card / Voter ID Card / Passport / Driving license), and a blue / black ball pen.

5. **Total marks for PET:** 100. There will be two parts of the question paper:
Part A consists of twenty (20) Multiple Choice Questions (MCQs), each carrying five (05) marks out of which ten (10) questions are to be answered. **For each wrong answer, 2 marks will be deducted.** Part B consists of ten (10) subjective type questions, each carrying ten (10) marks out of which five (5) questions are to be answered.

6. **Syllabi for part A:** Algebra, Analysis, Numerical Analysis, Differential Equation, Integral Equation, Integral Transform, Calculus of Variations, Mechanics (Particle and Rigid), Probability Theory, and Linear Programming Problems (LPP).

7. **Syllabi for part B:** Algebra, Analysis, Numerical Analysis, Differential Equation, Classical Mechanics, LPP and Methods of Applied Mathematics.

8. No electronic gadget (including Mobile phone, Smart phone, Smart-watch etc.) is allowed in the Examination Hall.

9. Helpline number: 8617492188 (Prof. Tapas Ray Mahapatra, Head of the Department)

10. Helpline email: hod.math@visva-bharati.ac.in

11. **Candidates who will qualify PET and those who are already exempted from PET will have to appear physically before the Departmental Research Committee for an interview on 07.12.2023 (Thursday) from 10 a.m. onwards.**

12. Candidates are advised to visit University website frequently for necessary updates.

23.11.2023

(Professor Tapas Ray Mahapatra)