

Ref. no. 278/Math/FCS/18

Date: 12.12.2018

To
The Secretary
P.G. Faculty of Science
University of North Bengal

Sub.: Your letter with Ref. No. F.21/4285/FCS/18 dated: 06.12.2018

Sir,

In reference to above, I am sending herewith the Syllabi of Admission Test for M.Phil. and Ph. D. Research Eligibility Test in Mathematics.

Thank you.
Sincerely yours

(Prof. S. De Sarkar)

SYLLABUS OF ENTRANCE TEST FOR M. Phil. in MATHEMATICS, UNIVERSITY OF NORTH BENGAL

The syllabus covers mainly the following areas:

ALGEBRA, POINT SET TOPOLOGY, DIFFERENTIAL GEOMETRY, REAL ANALYSIS, COMPLEX ANALYSIS, PARTIAL DIFFERENTIAL EQUATIONS AND OTHER ALIED TOPICS.

The depth of the knowledge involved is not beyond the matter of text books for U.G. and P.G. students, but solving the problems requires a deep understanding of Mathematical principles plus skill techniques. As for question pattern, 50% questions will be of MCQ type while remaining 50% will be subjective problems.

Date: 12.12.2018

(Prof. S. De Sarkar)

SYLLABUS FOR Ph. D. RESEARCH ELIGIBILITY TEST in MATHEMATICS, UNIVERSITY OF NORTH BENGAL

The syllabus covers mainly the following areas:

**ALGEBRA, POINT SET TOPOLOGY, DIFFERENTIAL GEOMETRY, REAL ANALYSIS, COMPLEX ANALYSIS,
PARTIAL DIFFERENTIAL EQUATIONS AND OTHER ALIED TOPICS.**

The depth of the knowledge involved is not beyond the matter of text books for U.G. and P.G. students, but solving the problems requires a deep understanding of Mathematical principles plus skill techniques. As for question pattern, 40% questions will be of MCQ type while remaining 60% will be subjective problems.

Date: 12.12.2018

(Prof. S. De Sarkar)