

A6/Math 1



BARASAT COLLEGE

(Affiliated to West Bengal State University)

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Ref No. BCN/ADD/DEPT_MATH/0901/2021

Date: 23rd August, 2021

NOTICE

This is to notify that the Department of Mathematics will conduct an Add-on Course on Mathematics for Competitive Examination from 1st to 19th September, 2021 on Google Meet from 6 P.M. to 8 P.M.. Interested students should register for the course to the H.O.D, department of Mathematics within 30th August, 2021.


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ADD ON COURSE

ON

MATHEMATICS FOR COMPETITIVE EXAMINATION

(ORGANISED BY DEPARTMENT OF MATHEMATICS)

PLATFORM - GOOGLE MEET

DATE AND TIME - 1-19TH SEPTEMBER, 2021, 6.00-8.00 PM

The aim of the course is to help the students from different disciplines and to develop their basic concept in Mathematics. This course components have been thoughtfully created to enrich their ability in mathematics in a very simple way. The course Mathematics is very elementary level and it is an introductory course covering the fundamental ideas and physical problems applicable to our daily life in the society. In view of the development of logic in Mathematics this course is very useful to the students. This course also helps to solve harder problems with their own capability.

Objective of this course: To improve employability skills of the students.

Course Modules: The course will be divided into 05(five) units that will be covered in a total of 15 (fifteen) lectures of two hours each spanning over five working days in a week.

PLATFORM - GOOGLE MEET

DATE AND TIME - 1-19 SEPTEMBER, 2021, 6.00-8.00 PM

Unit	Topic	Day	Time
1	1.Classification of Numbers.	1	6:00P.M.-8:00P.M.
	1.2 Decimal fraction.	2	6:00P.M.-8:00P.M.
	1.3 H.C.F.& L.C.M.of Numbers.	3	6:00P.M.-8:00P.M.
2	2.1 Simplification	4	6:00P.M.-8:00P.M.

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	2.2 Square root & Cube root	5	6:00P.M.-8:00P.M.
	2.3 Average	6	6:00P.M.-8:00P.M.
3	3.1 Problems in Numbers	7	6:00P.M.-8:00P.M.
	3.2 Problems in Ages.	8	6:00P.M.-8:00P.M.
	3.3 Surds & Indices.	9	6:00P.M.-8:00P.M.
4	4.1 Percentage	10	6:00P.M.-8:00P.M.
	4.2 Profit & Loss	11	6:00P.M.-8:00P.M.
	4.3 Proportion in Partnership.	12	6:00P.M.-8:00P.M.
5	5.1 Chain rule	13	6:00P.M.-8:00P.M.
	5.2 Time & Work, Pipes & Cistern.	14	6:00P.M.-8:00P.M.
	5.3 Time & Distance, Problems on Trains.	15	6:00P.M.-8:00P.M.

Course Outcomes:

1. To nurture the fundamental Mathematical skills for preparing and cracking competitive examination.
2. To handle the problem solving ability of the students.

Books for reference:

1. Quantitative Aptitude by R.S. Agarwal, Sultan Chand and Company Ltd. New Delhi, 2012.
2. Quantitative Aptitude for Competitive Examinations by Abhijit Guha, McGraw Hill Education, 2011

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