BARASAT COLLEGE

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Ref No. BCN/ADD/DEPT_MATH/0202/2022   Date: 1st February, 2022

NOTICE

This is to notify that the Department of Mathematics will conduct an Add-on Course on Mathematics-II for Competitive Examination from 7th to 24th February, 2022 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 6th February, 2022.

Dr. Parthapratim Dasgupta
.M.A, M.Phil, Ph.D
Principal
Barasat College

ADD ON COURSE

ON

MATHEMATICS-II FOR COMPETITIVE EXAMINATION

(ORGANISED BY DEPARTMENT OF MATHEMATICS)

PLATFORM - GOOGLE MEET

DATE AND TIME - 7-24 FEBRUARY, 2022, 6.00-8.00 PM

This course is the continuous course of the previous Ad-On course organized by the Department of Mathematics namely Mathematics for Competitive Examination. 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.

Unit	Topic	Day	Time
1	1.Boats and Streams	1	6:00P.M.-8:00P.M.
	1.2 Mixture	2	6:00P.M.-8:00P.M.
	1.3 Simple Interest & Compound Interest	3	6:00P.M.-8:00P.M.
2	2.1 Logarithms	4	6:00P.M.-8:00P.M.
	2.2 Area	5	6:00P.M.-8:00P.M.
	2.3 Concept of 3 dimension figures.	6	6:00P.M.-8:00P.M.

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	3.2 Surface Area 3.3 Races &Games of skill	8 9	6:00P.M.-8:00P.M. 6:00P.M.-8:00P.M.
4	4.1 Stock &Shares 4.2 Permutation 4.3 Combination	10 11 12	6:00P.M.-8:00P.M. 6:00P.M.-8:00P.M. 6:00P.M.-8:00P.M.
5	5.1 Probability. 5.2 Heights & Distance 5.3 Odd man out & Series.	13 14 15	6:00P.M.-8:00P.M. 6:00P.M.-8:00P.M. 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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