

**B. K. BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS),
KALYAN**

CERTIFICATE COURSE





**B. K. Birla College of Arts, Science
and Commerce (Autonomous),
Kalyan**

Department of Mathematics

Organizes

Certificate course on

Competitive Mathematics

Objectives

- Develop critical and lateral thinking
- Prepare students to solve quantitative aptitude questions
- Time management

Fee : ₹ 500/-

For more details kindly visit
the Department of
Mathematics or mail us at
mathsatbirla@gmail.com

Certificate Course in Competitive Mathematics

Syllabus

Credit: 02

Unit 1	Quantitative Ability (Basic Mathematics) Number Systems, LCM and HCF , Decimal Fractions , Simplification, Square Roots and Cube Roots , Average, Problems on Ages, . Surds & Indices , Percentages, Problems on Numbers	8 lectures
Unit 2	Quantitative Ability (Applied & Engineering Mathematics) Logarithm , Permutation and Combinations, Probability, Profit and Loss, Simple and Compound Interest, Time, Speed and Distance, Time & Work, Ratio and Proportion, Area	7 lectures
Unit 3	Data Interpretation Data Interpretation, Tables, Column Graphs, Bar Graphs, Line Charts, Pie Chart, Venn Diagrams.	8 lectures
Unit 4	Set Theory and Matrices Sets, Relations and Functions ,Equations and Matrices	7 lectures

Certificate Course 'Competitive Mathematics'- List of Students

Sr. No.	Name
1.	Rohit Prakash Sonar
2.	Jatin Pramod Mhatre
3.	Devyani Ramchandra Mhaskar
4.	Sana Adam Shaikh
5.	Aparna Vishwas Late
6.	Jay V Dolas
7.	Shweta Swain
8.	Pratiksha M Sanap
9.	Ankit R Singh
10.	Atharva R Kolambkar
11.	Kshitija Pagare
12.	Anushka Hemant Dhankar
13.	Vaibhavi Deshmukh
14.	Vaidehi Deshmukh
15.	Ajay Nana Rathod
16.	Yash Raj Sapkal
17.	Akshay Nerkar
18.	Bhavesk Kishor Chaudhari
19.	Gauri Ramesh Bhagat
20.	Reshma Maruti Waghere
21.	Avinash A Kadam
22.	Sahil Salaar Shaikh
23.	Tanushree A Singh
24.	Shivani Chiplunkar
25.	Nikita Bhau Chaudhari
26.	Rupali Bhau Tiwari
27.	Renuka Ganesh Dongaonkar
28.	Rupeksha Baban Pathare
29.	Rushikesh Shelar
30.	Namrata S Charan

B.K Birla College of Arts, Science & Commerce (Autonomous), Kalyan

Department of Mathematics

Certificate Course in Competitive Mathematics

2019-20

Sr.no	Date:	5/12/19	7/12/19	12/12/19	14/12/19	19/12/19	20/12/19	21/1/20	31/1/20	9/1/20	11/1/20
Sr.no	Name										
1	Rohit Prakash Sonar	P	P	P	P	P	P	P	P	P	P
2	Jatin Pramod Mhatre	P	P	P	P	P	P	P	P	P	P
3	Devyani Ramchandra Mhaskar	P	P	P	P	P	P	P	P	P	P
4	Sana Adam Shaikh	P	P	P	P	P	P	P	P	P	P
5	Aparna Vishwas Late	P	P	P	P	P	P	P	P	P	P
6	Jay V Dolas	P	P	P	P	P	P	P	P	P	P
7	Shweta Swain	P	P	P	P	P	P	P	P	P	P
8	Pratiksha M Sanap	P	P	P	P	P	P	P	P	P	P
9	Ankit R Singh	P	P	P	P	P	P	P	P	P	P
10	Atharva R Kolambkar	P	P	P	P	P	P	P	P	P	P
11	Kshitija Pagare	P	P	P	P	P	P	P	P	P	P
12	Anushka Hemant Dhankar	P	P	P	P	P	P	P	P	P	P
13	Vaibhavi Deshmukh	P	P	P	P	P	P	P	A	P	P
14	Vaidehi Deshmukh	A	P	P	P	A	A	P	P	P	P
15	Ajay Nana Rathod	P	P	A	P	P	P	P	P	P	P
16	Yash Raj Sapkal	A	A	A	P	P	P	P	P	P	P
17	Akshay Nerkar	P	P	P	P	P	P	A	P	P	P
18	Bhavesh Kishor Chaudhari	P	P	A	P	A	P	P	P	A	P
19	Gauri Ramesh Bhagat	P	A	A	A	A	P	P	P	P	P
20	Reshma Maruti Waghere	P	P	P	P	P	P	P	P	P	P
21	Avinash A Kadam	P	P	P	P	P	A	A	P	P	P
22	Sahil Salaar Shaikh	P	A	A	P	A	A	P	P	P	P
23	Tanushree A Singh	P	P	P	P	P	P	P	P	A	P
24	Shivani Chiplunkar	P	P	P	P	P	P	P	A	P	P
25	Nikita Bhau Chaudhari	P	A	P	P	A	P	P	P	P	P
26	Rupali Bhau Tiwari	A	P	P	P	P	P	P	P	P	P
27	Renuka Ganesh Dongaonkar	A	P	P	A	P	P	P	P	P	P

[Signature]

HEAD
DEPARTMENT OF MATHEMATICS
B.K. Birla College (Autonomous), Kalyan.

28	Rupeksha Baban Pathare	P	P	P	P	P	P	P	A	P	P
29	Rushikesh Shelar	P	P	P	P	A	A	P	P	P	P
30	Namrata S Charan	P	P	P	P	P	P	P	P	P	P



HEAD
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Report of Certificate Course – *Competitive Mathematics*

Department of Mathematics conducted a certificate course on *Competitive Mathematics* designed to prepare the students in solving quantitative aptitude questions asked in various competitive examinations during the academic year 2019-20. The fee for the course was Rs. 500/-.

A total of **30 students** have registered for this course. The course was co-ordinated by Ms. Briji Jacob and the lectures were taken by Ms. Savita Nair. An exam was also conducted for the students. The following are the details for the course:

No. of sessions allotted (each session of 2 hrs.)	15
No. of sessions completed	15
Total fee credited	Rs. 15,000/-

List of the students enrolled for this course is attached herewith.



Head,

Department of Mathematics.



B.K BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS), KALYAN



CERTIFICATE

OF COMPLETION

presented to :

ROHIT PRAKASH SONAR

For completing Certificate Course on 'Competitive Mathematics', organized by Department of Mathematics for the year 2019-20

Dr. Avinash Patil
Principal

Mr. Prakash Sansare
Head Of Department





B.K BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS), KALYAN



CERTIFICATE

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JATIN PRAMOD MHATRE

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Principal

Mr. Prakash Sansare
Head Of Department





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CERTIFICATE

OF COMPLETION

presented to :

DEVYANI RAMCHANDRA
MHASKAR

For completing Certificate Course on 'Competitive Mathematics', organized by Department of Mathematics for the year 2019-20

Dr. Avinash Patil
Principal

Mr. Prakash Sansare
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CERTIFICATE

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SANA ADAM SHAIKH

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Mr. Prakash Sansare
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CERTIFICATE

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APARNA VISHWAS LATE

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JAY V DOLAS

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SHWETA SWAIN

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PRATIKSHA M SANAP

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ANKIT R SINGH

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ATHARVA R KOLAMBKAR

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KSHITIJA PAGARE

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ANUSHKA HEMANT DHANKAR

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AJAY NANA RATHOD

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YASH RAJ SAPKAL

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AKSHAY NERKAR

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BHAVESH KISHOR CHAUDHARI

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GAURI RAMESH BHAGAT

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RESHMA MARUTI WAGHERE

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AVINASH A KADAM

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TANUSHREE A SINGH

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NIKITA BHAU CHAUDHARI

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RUPALI BHAU TIWARI

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RENUKA GANESH

DONGAONKAR

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RUPEKSHA BABAN
PATHARE

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RUSHIKESH SHELAR

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NAMRATA S CHARAN

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