NOTICE

All the students of BA/B.Sc/B.Com/BCA/BBA/M.Sc/MA/M.Com are hereby informed that the college has started an Add On Course entitled "Logical Reasoning And Quantitative Aptitude For Competitive Examination" from the current session 2021-22.It is a certificate course. It will help you to enhance your skill of logical and numerical ability to crack various competitive exams like UPSC,HPSC,SSC,HSSC,Banking (PO &Clerk),CDS exams etc.Those students who are interested to join this course,they may contact to the department of Mathematics or can fill the details on the following google form link..

https://forms.gle/nXGZgMmAWPHiwBh26

For any queries,you may contact on 8708650306,9050517035,9813870662,9416482219

Course fee:900/-

Date:28.10.2021

Dr. Sanjay Garg **(Co-Convener)**

Mr. Kapil Jain **(Co-Convener)**

Mr. Manoj Kumar **(Co-Convener)**

Ms. Shubham Rani **(Co-Convener)**

Ms. Priti Bansal **(Convener)**

Dr. Satyabir Singh Mehla **(Head of the department)**

Dr. Sanjay Goyal **(Principal)**

About The Add On Certificate Course In "Logical Reasoning and Quantitative Aptitude for Competitive Examination"

1	Name of course	Certificate Course In Logical Reasoning AndQuantitative Aptitude For Competitive Examination
2	Department	Mathematics
3	Duration	30/ 32/40 Hours
4	Number of Seats	40
5	Eligibility	10+ 2
6	Language	English
7	Objective	To enhance the reasoning, thinking and understanding of mathematical problems.
8	Course structure	Syllabus is divided into four units
9	Syllabus	Copy Attached
10	Expected Outcomes	Students may be able to crack competitive examinations.
11	Course fee	900/-

Syllabus for Certificate Course In

"Logical Reasoning and QuantitativeAptitude for Competitive Examination"

Unit -I

Number system, simple interest, compound interest, trigonometry and its applications, mensuration, profit and loss,work and time.

Unit -II

Sequence and series, Arithmetic progression, formula for nth term and sum of n terms of Arithmetic progression ,Geometric progression, formula for nth term and sum of n terms of Geometric progression, Harmonic progression, permutation and combinations, Binomial theorem for integral powers

Unit -III

Logical reasoning and aptitude, Coding and Decoding, direction, statement, clock and calendar, counting in figures, shadow and blood relation

Unit -IV

Mean, mode, median, standard deviation, variance, random experiments, outcomes, sample space, events, exhaustive events, mutually exclusive events, probability of an event.

Reference Books:

1.Topics covered from NCERT books upto 12^{th} standard

2.Quantitative Aptitude by S..Chand and R.S.Aggarwal

3.A Modern Approach To Logical Reasoning by S.Chand and R.S.Aggarwal

4.How To Crack Test Of Reasoning by Jaikishan and Premkishan(Arihant Publications)

4.Shortcuts In Quantitative Aptitude (Disha Publications)

5. Shortcuts In Reasoning (Disha Publications)

6.How To Crack Test Of Arithmetic(Short Tricks Included)(Arihant Publications)

7.Quickest Mathematics(Quantitative Aptitude And Numerical Ability)(Kiran Publications)

Learning outcomes of the course:

Upon completion of this course,the students will be able to:

1.Enhance skill of solving numerical and mathematical problems

2.Understand and practice logical reasoning

3.Financial work in different areas

4. Crack various competitive exams like UPSC,HPSE,SSC,HSSC,Banking(IBPS clerk,IBPS(PO),SBI PO,SBI Clerk),CDS Exam etc.

Dr. Sanjay Garg	Mr. Kapil Jain	Mr. Manoj Kumar	Ms. Shubham Rani
(Co-Convener)	**(Co-Convener)**	**(Co-Convener)**	**(Co-Convener)**

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