# C.S.I.,K.N.D.,B.M.H.E.C's <br> CSI COLLEGE OF COMMERCE DHARWAD 



Online course on

Elementary Mathematics Course In

ARITHMETIC \& REASONING SKILLS

Date : 01-12-2020 to 16-12-2020

## ELEMENTARY MATHEMATICS COURSE

 in
## Syllabus: ARITHMETIC \& REASONING SKILLS

Duration : 2 Weeks ( 30 Hours )

| Units | Topic | Hours |
| :---: | :--- | :---: |
| $\mathbf{1}$ | Fraction, Percentages and averages | $\mathbf{4}$ |
| $\mathbf{2}$ | Ratio and Proportion, partnership and share <br> chain rule | $\mathbf{4}$ |
| $\mathbf{3}$ | Time, work, wages, Time and distance | $\mathbf{4}$ |
| $\mathbf{4}$ | Profit, loss and discount | $\mathbf{4}$ |
| $\mathbf{5}$ | Linear and quadratic equations and <br> inequalities | $\mathbf{3}$ |
| $\mathbf{6}$ | Permutation and combination and probability | $\mathbf{2}$ |
| $\mathbf{7}$ | Mixtures, Chain Rule | $\mathbf{2}$ |
| $\mathbf{8}$ | Boats and Streams | $\mathbf{3}$ |
| $\mathbf{9}$ | Speed and Trains | $\mathbf{2}$ |
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## Overview:

The course is designed to teach necessary logical thinking, reasoning \& analysis skills and subjects that help both in corporate and competitive exams.

## Pre-requisite Knowledge/Skill:

Basic English and Basic Mathematics

## Course Objective:

1) Upon successful completion of the course, students will be able to -
> Develop consistency in logical thinking, reasoning \& analysis.
> Crack competitive exams like UPSC, KAS, GRE, CAT, MAT \& others.

Face the campus recruitment with confidence.
> Increase their employability.
2) The participant can attempt the following exams:

Banking: MBA-CET: CAT, SBI CMAT, RRB MAT , SSCCHSL, SNAP, SSCCGL, Insurance, GMAT PGCET
3) Campus Recruitment, Placement \& Training.

## Course Outline:

> Dec 1:Percentage
$>$ Dec 2: Profit, Loss and Discounts
> Dec 3: Fraction and Average
> Dec 4:Average
> Dec5: Ratio and Proportion
> Dec 6 :Partnership and Share
> Dec 7: Time, Work, Wages and Distance (MOCK test)
$>$ Dec 8: Linear equation and their Applications (MOCK test)
> Dec 9: Permutation and Combinations
> Dec 10:Probability
> Dec 11: Number system and Number series
$>$ Dec 12: Chain rule (MOCK test)
$>$ Dec 13:SimpleInterest
> Dec 14: Compound Interest, Growth and Depreciation
> Dec 15: Mixture, Piper and Menstruations(Final Test)

## Additional Course:

> Personality Development and Motivation
> Resume writing
> Group discussion
> Mock interview

## Course Duration:

30 hours - $2 \mathrm{hrs} /$ session

## Test:

A test after completion of the first 30 hours of training. Test after the completion of the course.

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CSI Williams
Online certificate course in " Elementry Mathematics"(for all competitive exams)
Resources person : Smt. D. Math
Date: 1 to 15 December 2020
Time: 4 pm . to 6 pm .
Duration 2 hrs .

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\section*{Examination:}

Subject: ARITHMETIC \& REASONING SKILLS (Objective )
Date: 16/12/2020
Max. Marks: 25
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\hline Sl No & \multicolumn{1}{|c|}{ Name } & Marks \\
\hline 1 & ANUSHA & 12 \\
\hline 2 & ASHOK & 18 \\
\hline 3 & AVINASH HOSAMANI & 5 \\
\hline 4 & BHUMIKA P V & 12 \\
\hline 5 & CHAITRA BALIKAI & 20 \\
\hline 6 & DHANASHREE AVALAKHI & 15 \\
\hline 7 & GANESH KATTI & 10 \\
\hline 8 & KAVYA S RAMENAVAR & 21 \\
\hline 9 & KOMAL S KALLANAGOUDAR & 24 \\
\hline 10 & MANISHA M TIKARE & 10 \\
\hline 11 & NAYANA V PUJAR & 9 \\
\hline 12 & NIKHITA KOTABAGI & 6 \\
\hline 13 & PREETI S BHAVIMATH & 15 \\
\hline 14 & PRIYA YALLAPPA SHINGRI & 18 \\
\hline 15 & RAHUL KULKARNI & 19 \\
\hline 16 & REKHA SUNAGAR & 16 \\
\hline 17 & SNEHA K TUKKOJI & 10 \\
\hline 18 & SOMANAGOUD B KARADDI & 20 \\
\hline 19 & SOURAV KUMAR & 20 \\
\hline 20 & VAISHNAVI A SANKANNAVAR & 8 \\
\hline 21 & VEENA GOPAL SHINDHE & 15 \\
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\section*{REPORT:}

An online ELEMENTARY MATHEMATICS COURSE ON "ARITHMETIC \& REASONING SKILLS" was conducted from 01-12- 2020 to 16-12-2020. Everyday two hours session was conducted, and 21 students registered for the course. A test was conducted on 16-12-2021.

The Course was conducted by Prof. Danamma Math, so as to provide some additional value for the student skills which will help them in cracking their campus interviews as well as for Banking exams or Government jobs or any other competitive exams.
\(>\quad\) Students had good opinion towards potentiality of the resource person.
\(>\quad\) Students were happy with the quality of interaction of resource person.
\(>\quad\) All the students actively participated in the course, and were benefitted. The overall outcome of the course was excellent.

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