

A.G.&S.G.S DEGREE COLLEGE, VUYYURU

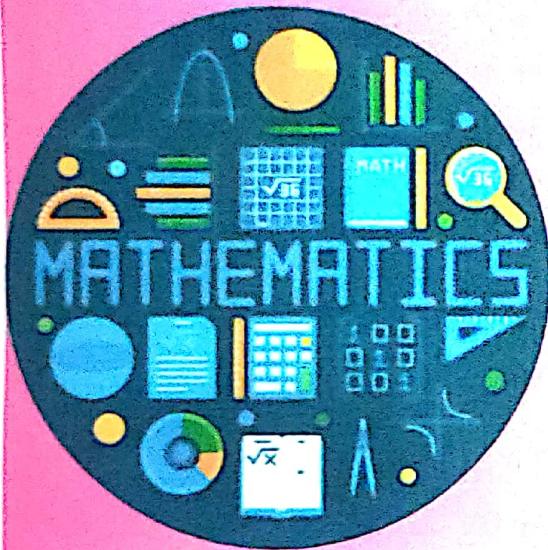


## Contact Us

Door No.2.391, College Road , Near  
Kota complex ,Vuyyuru -521165

agsgsiddhartha@gmail.com  
www.agsgsc.edu.in

DEPARTMENT OF MATHEMATICS



**Quantitative Aptitude**

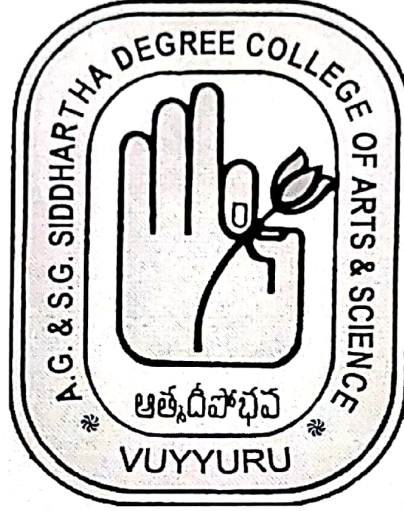
Course : Quantitative Aptitude  
Code : MAT-VAC-03  
Class : LMCCS  
Duration: 30 Days

Value Added Course  
on  
Quantitative Aptitude



# A.G. & S.G. Siddhartha Degree College of Arts & Science

Vuyyuru-521165, Krishna District, Andhra Pradesh  
(Managed by: Siddhartha Academy of General & Technical Education, Vijayawada-10)  
An Autonomous College in the Jurisdiction of Krishna University  
Accredited by NAAC with "A" Grade



## DEPARTMENT OF MATHEMATICS

2019-2020

Value Added Course

Title: Quantitative Aptitude

Name of the Lecturer	: Mohammad Noor.
Class	: I.MCCS
Duration of the Course	: 30 HOURS
VAC Code	: MAT-VAC-03



# **A.G. & S.G. Siddhartha Degree College of Arts & Science**

Vuyyuru-521165, Krishna District, Andhra Pradesh

## **Value Added Course**

### **Title: QUANTITATIVE APTITUDE**

**Objectives :**

1. quantitative data are analyzed numerically to develop a statistical picture of a trend or connection. Such statistical results may shed light on cause-and-effect relationships.
2. Developing effective problem-solving skills, including the ability to identify problems, break them down into smaller components, generate solutions, and evaluate the effectiveness of different approaches.

**Methodology :Teacher-Centeredmethod**

**Duration : 30 Hours**



**A.G. & S.G. Siddhartha Degree College of Arts & Science**  
Vuyyuru-521165, Krishna District, Andhra Pradesh

**Value Added Course**  
**Student Enrolment Sheet**

Roll.No	Student Name	F/M
19. 401	Mogili Chandra Sekhar	M
19. 402	Kodeboyina B.S.P. Kalyan	M
19. 403	Pogolu Vivek Vardhan	M
19. 404	Veerla Vijaya Lakshmi	F
19. 405.	Manikonda Rose Manasa	F
19. 407.	Myla Sandhya Rani	F
19. 408.	Emani V.G. Naveen Kumar	M
19. 409.	Verivela Vasudha	F
19. 410	Dusari Hepsibha	F
19. 411	Guntu Sowmya	F
19. 412	Akula Ruthu Louis	M
19. 413	Karumuri pavan kalyan	M
19. 414	puppala Rushendra Mani	M
19. 417.	chitturi Jyothi	F
19. 418	Karnti Tulasi	F

*N. V. [Signature]*  
Lecturer

*N. V. [Signature]*  
HOD

*D. Saleem [Signature]*  
Principal,  
AG & SG Siddhartha Degree College  
of Arts & Science (Autonomous)  
VUYURU-521 165

**A.G. & S.G. Siddhartha Degree College of Arts & Science**

Vuyyuru-521165, Krishna District, Andhra Pradesh

**Value Added Course**

**Title:QUANTITATIVE APTITUDE**

Date: From 01.10.2019 to 31.10.2019

Date	Content	Module No.
01.10.2019	Averages	I
08.10.2019	Profit and Loss	II
16.10.2019	Partnership	III
24.10.2019	Simple,Compound interest	IV

# **A.G. & S.G. Siddhartha Degree College of Arts & Science**

Vuyyuru-521165, Krishna District, Andhra Pradesh

## **Value Added Course**

### **Title: QUANTITATIVE APTITUDE**

#### **Test Exercise:**

**1)The average of 20 numbers is zero .of them at the most how many be greater than zero?**

**A)0 B)1 C)10 D)19**

**2)Father is aged three times more than his son Ronit. After 8 years, he would be two and a half times of Ronit's age. After further 8 years, how many times would he be of Ronit's age?**

**A)2 times**

**B)1time**

**C)3times**

**D)4 times**

**3)The sum of ages of 5 children born at the intervals of 3 years each is 50 years. What is the age of the youngest child?**

**A)4 yearsB)8 yearsC)10 yearsD)None of these**

**4)A father said to his son, "I was as old as you are at the present at the time of your birth". If the father's age is 38 years now, the son's age five years back was:**

**A)14 yyears**

**B)19 years**

**C)33 years**

**D)38 years**

**5)A person crosses a 600 m long street in 5 minutes. What is his speed in km per hour?**

**A)3.6 B)7.2 C)8.4 D)10**

**6)If a person walks at 14 km/hr instead of 10 km/hr, he would have walked 20 km more. The actual distance travelled by him is**

**A)50 kmB)56 kmC)70 kmD)80 km**



7) Excluding stoppages, the speed of a bus is 54 kmph and including stoppages, it is 45 kmph. For how many minutes does the bus stop per hour?  
A) 9 B) 10 C) 12 D) 20

8) Two numbers are respectively 20% and 50% more than a third number. The ratio of the two numbers is:  
A) 2 : 5 B) 3 : 5 C) 4 : 5 D) 6 : 7

9) A sum of money is to be distributed among A, B, C, D in the proportion of 5 : 2 : 4 : 3. If C gets Rs. 1000 more than D, what is B's share?  
A). 500  
B) 1500  
C). 2000  
D) None of these

10) Seats for Mathematics, Physics and Biology in a school are in the ratio 5 : 7 : 8. There is a proposal to increase these seats by 40%, 50% and 75% respectively. What will be the ratio of increased seats?  
A) 2 : 3 : 4  
B) 6 : 7 : 8  
C) 6 : 8 : 9  
D) None of these

**A.G. & S.G. Siddhartha Degree College of Arts & Science**  
Vuyyuru-521165, Krishna District, Andhra Pradesh

**Value Added Course**  
**Title:QUANTITATIVE APTITUDE**

**Key: 1)D 2)A 3)A 4)A 5)B 6)A 7)B 8)C 9)C 10)A**





# A.G. & S.G. Siddhartha Degree College of Arts & Science

Vuyyuru-521165, Krishna District, Andhra Pradesh

## Department of MATHEMATICS

### Value Added Course

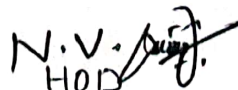
### Title: QUANTITATIVE APTITUDE


#### Marks List

Class: I B.Sc MPC

S. No	Roll No.	Name of the Student	Marks
1.	19.401	Mogili chandra sekhar	18
2.	19.402	Kodeboyina B.S.P. kalyan	18
3.	19.403	pagolu Vivek vardhan	16
4.	19.404	veerla vijaya Lakshmi	20
5.	19.405	Manikonda Rose Manasa	20
6.	19.407	Myla Sandhya Rani	20
7.	19.408	Emari V. G. Naveen kumar	18
8.	19.409	velivela vasudha	16
9.	19.410	Dosari Hepsibha	18
10.	19.411	Guntu Sowmya	20
11.	19.412	Akula Rithu Louis	18
12.	19.413	kareemuri Ravan kalyan	14
13.	19.414	puppala Rushendra Mani	12
14.	19.417	Chitturi Jyothi	18
15.	19.418	Karothi Tulasi	16

  
Lecturer

  
N.V.  
HOD

  
Principal  
AG & SG Siddhartha Degree College  
of Arts & Science (Autonomous)  
VUYURU-521165

# A.G. & S.G. Siddhartha Degree College of Arts & Science

Vuyyuru-521165, Krishna District, Andhra Pradesh

## Value Added Course / Certificate Course - Attendance Register

Class / Section:

Year :

Department of: MATHEMATICS Paper:

Lecturer:

Sl.No	Roll No	Student Name	Category	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Total
1	19. 401	Magiri chandra Sekhar		P	P	A	P	P	P	A	P	P	P	P	P	A	P	P	12
2	19. 402	Kodebayina B.S. P. Kalyan		P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	14
3	19. 403	Dogolu Vivek Vardhan		P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	13
4	19. 404	Veerla Visaya Lakshmi		P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	13
5	19. 405	Manikonda Rose Manasa		P	P	A	P	P	P	A	P	P	P	P	P	P	A	P	12
6	19. 407	Myla Sandhya Rani		A	P	P	A	P	P	P	P	P	P	P	A	P	P	P	12
7	19. 408	Emani v. G. Naveen kumar		P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	14
8	19. 409	Velivela Vasudha		P	P	A	A	P	A	P	P	P	P	P	P	A	P	P	11
9	19. 410	Dusari Hepsibha		P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	14
10	19. 411	Guntu Sowmya		P	P	A	A	P	A	P	P	P	P	P	P	A	P	P	11
11	19. 412	Akula Ruthu Louis		A	P	P	P	P	P	P	P	P	A	P	P	P	A	P	12
12	19. 413	Karumuri pavan kalyan		P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	14
13	19. 414	puppala Rushendra Mani		P	P	P	A	P	P	P	A	P	P	P	P	P	A	P	12
14	19. 417	chitturi Jyothi		P	A	P	P	P	P	P	P	P	P	P	P	A	P	P	13
15	19. 418	Karathi Tulasi		P	P	P	A	P	P	A	P	P	P	A	P	P	P	P	12



# A.G. & S.G. Siddhartha Degree College of Arts & Science

Vuyyuru-521165, Krishna District, Andhra Pradesh

## Value Added Course / Certificate Course - Attendance Register

Class / Section:

Year :

Department of: MATHEMATICS

Paper:

Lecturer:

Sl.No	Roll No	Student Name	Category	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total
1	19. 401	Mopili chandra Sekhar		A	P	P	P	P	P	P	P	A	P	P	P	P	A	P	24
2	19. 402	Kodeboyina B.S.P. kalyan		P	P	A	P	P	A	P	P	P	P	A	P	P	P	P	26
3	19. 403	pagalu Vivek Vardhan		P	P	P	A	P	P	P	P	P	A	P	P	P	A	P	25
4	19. 404	Veerla Visaya Lakshmi		A	P	P	P	P	A	P	P	A	P	P	P	A	P	P	24
5	19. 405	Manikonda Rose Manasa		P	P	A	P	P	P	A	P	P	P	A	P	P	P	A	23
6	19. 407	Myla Sandhya Ran		P	A	P	P	A	P	P	P	P	A	P	P	P	A	P	23
7	19. 408	Emani V. G. Naveen kumar		P	P	A	P	P	P	P	A	P	P	P	A	P	P	P	26
8	19. 409	velivela Vasudha		P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	24
9	19. 410	Dusari Hepsibha		P	P	P	A	P	P	P	A	P	P	P	P	A	P	P	26
10	19. 411	Guntur Sowmya		A	P	P	P	P	A	P	P	P	A	P	P	P	P	A	22
11	19. 412	Akula Rutbu Louis		P	P	A	P	P	P	A	P	P	P	A	P	P	P	P	24
12	19. 413	Karumuri pavan kalyan		P	A	P	P	P	P	P	P	P	P	P	P	A	P	P	27
13	19. 414	puppala Roshendra Mani		P	P	P	A	P	P	A	P	P	P	A	P	P	P	A	23
14	19. 417	chitturi Tyothi		P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	27
15	19. 418	Karothi Tulasi		P	A	P	P	A	P	P	A	P	P	A	P	P	A	P	22

*[Signature]*  
Lecturer

N.V. [Signature]  
HOD

*[Signature]*  
Principal  
AG & SG Siddhartha Degree College  
of Arts & Science (Autonomous)  
VUYURU-521 165



**A.G. & S.G. Siddhartha Degree College of Arts & Science**  
Vuyyuru-521165, Krishna District, Andhra Pradesh

**Department of MATHEMATICS**

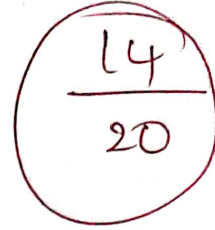
**Value Added Course**  
**Title: QUANTITATIVE APTITUDE**

**Feed Back Form**

1. Is the programme interested to you (Yes/No)
2. Have you attended all the session (Yes/No)
3. Is the content of the program is adequate (Yes/No)
4. Have the teacher covered the entire syllabus? (Yes/No)
5. Is the number of hours adequate? (Yes/No)
6. Do you have any suggestions for enhancing or reducing the number of weeks designed for the program? (Yes/No)
7. On the whole, is the program useful in terms of enriching your knowledge? (Yes/No)
8. Do you have any suggestions on the program? (Yes/No)

**Value Added Course**

**Title: QUANTITATIVE APTITUDE**



**Test Exercise:**

- 1) The average of 20 numbers is zero. Of them at the most how many be greater than zero?  
 A) 0 B) 1 C) 10 D) 19
- 2) Father is aged three times more than his son Ronit. After 8 years, he would be two and a half times of Ronit's age. After further 8 years, how many times would he be of Ronit's age?  
A) 2 times  
 B) 1 time  
 C) 3 times  
 D) 4 times
- 3) The sum of ages of 5 children born at the intervals of 3 years each is 50 years. What is the age of the youngest child?  
A) 4 years B) 8 years C) 10 years D) None of these
- 4) A father said to his son, "I was as old as you are at the present at the time of your birth". If the father's age is 38 years now, the son's age five years back was:  
A) 14 years  
 B) 19 years  
 C) 33 years  
 D) 38 years
- 5) A person crosses a 600 m long street in 5 minutes. What is his speed in km per hour?  
 A) 3.6 B) 7.2 C) 8.4 D) 10
- 6) If a person walks at 14 km/hr instead of 10 km/hr, he would have walked 20 km more. The actual distance travelled by him is  
A) 50 km B) 56 km C) 70 km D) 80 km

7) Excluding stoppages, the speed of a bus is 54 kmph and including stoppages, it is 45 kmph. For how many minutes does the bus stop per hour?

- A) 9 B) 10 C) 12 D) 20

8) Two numbers are respectively 20% and 50% more than a third number. The ratio of the two numbers is:

- A) 2 : 5 B) 3 : 5 C) 4 : 5 D) 6 : 7

9) A sum of money is to be distributed among A, B, C, D in the proportion of 5 : 2 : 4 : 3. If C gets Rs. 1000 more than D, what is B's share?

- A) 500  
B) 1500  
C) 2000   
D) None of these

10) Seats for Mathematics, Physics and Biology in a school are in the ratio 5 : 7 : 8. There is a proposal to increase these seats by 40%, 50% and 75% respectively. What will be the ratio of increased seats?

- A) 2 : 3 : 4  
B) 6 : 7 : 8  
C) 6 : 8 : 9  
D) None of these



19. 401

**A.G. & S.G. Siddhartha Degree College of Arts & Science**

Vuyuru-521165, Krishna District, Andhra Pradesh

**Value Added Course**

**Title: QUANTITATIVE APTITUDE**

18  
20

**Test Exercise:**

1) The average of 20 numbers is zero. Of them at the most how many be greater than zero?

A) 0 B) 1 C) 10 D) 19

2) Father is aged three times more than his son Ronit. After 8 years, he would be two and a half times of Ronit's age. After further 8 years, how many times would he be of Ronit's age?

A) 2 times

B) 1 time

C) 3 times

D) 4 times

3) The sum of ages of 5 children born at the intervals of 3 years each is 50 years. What is the age of the youngest child?

A) 4 years B) 8 years C) 10 years D) None of these

4) A father said to his son, "I was as old as you are at the present at the time of your birth". If the father's age is 38 years now, the son's age five years back was:

A) 14 years

B) 19 years

C) 33 years

D) 38 years

5) A person crosses a 600 m long street in 5 minutes. What is his speed in km per hour?

A) 3.6 B) 7.2 C) 8.4 D) 10

6) If a person walks at 14 km/hr instead of 10 km/hr, he would have walked 20 km more. The actual distance travelled by him is

A) 50 km B) 56 km C) 70 km D) 80 km

7) Excluding stoppages, the speed of a bus is 54 kmph and including stoppages, it is 45 kmph. For how many minutes does the bus stop per hour?

- A) 9 B) 10 C) 12 D) 20

8) Two numbers are respectively 20% and 50% more than a third number. The ratio of the two numbers is:

- A) 2 : 5 B) 3 : 5 C) 4 : 5 D) 6 : 7

9) A sum of money is to be distributed among A, B, C, D in the proportion of 5 : 2 : 4 : 3. If C gets Rs. 1000 more than D, what is B's share?

- A). 500  
B) 1500  
C). 2000

D) None of these

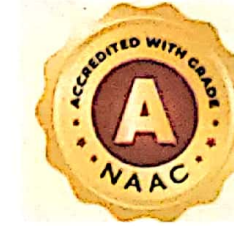
10) Seats for Mathematics, Physics and Biology in a school are in the ratio 5 : 7 : 8. There is a proposal to increase these seats by 40%, 50% and 75% respectively. What will be the ratio of increased seats?

- A) 2 : 3 : 4  
B) 6 : 7 : 8

C) 6 : 8 : 9  
D) None of these



**ADUSUMILLI GOPALAKRISHNAIAH AND SUGARCANE GROWERS  
SIDDHARTHA DEGREE COLLEGE OF ARTS AND SCIENCE,  
(AUTONOMOUS) VUYYURU A.P**  
(Accredited at "A" level by NAAC, Bengaluru)



## Department of Mathematics

VALUE ADDED COURSE: **Quantitative Aptitude**

### CERTIFICATE

This is to Certify that .

Son/Daughter of Shri/Smt

has Successfully completed value added course in **Quantitative Aptitude**

Conducted by the Department of Mathematics from 01-10-2019 to 31-10-2019 We wish him her bright future

*Co-ordinator*

*Head of Department*

*Principal*

