



S.G.V.C Vidya Prasarak Trust's

M.G.V.C Arts, Commerce and Science College, Muddebihal



(Re-Accredited with CGPA of 3.31 on Seven Point Scale at A+ Grade)

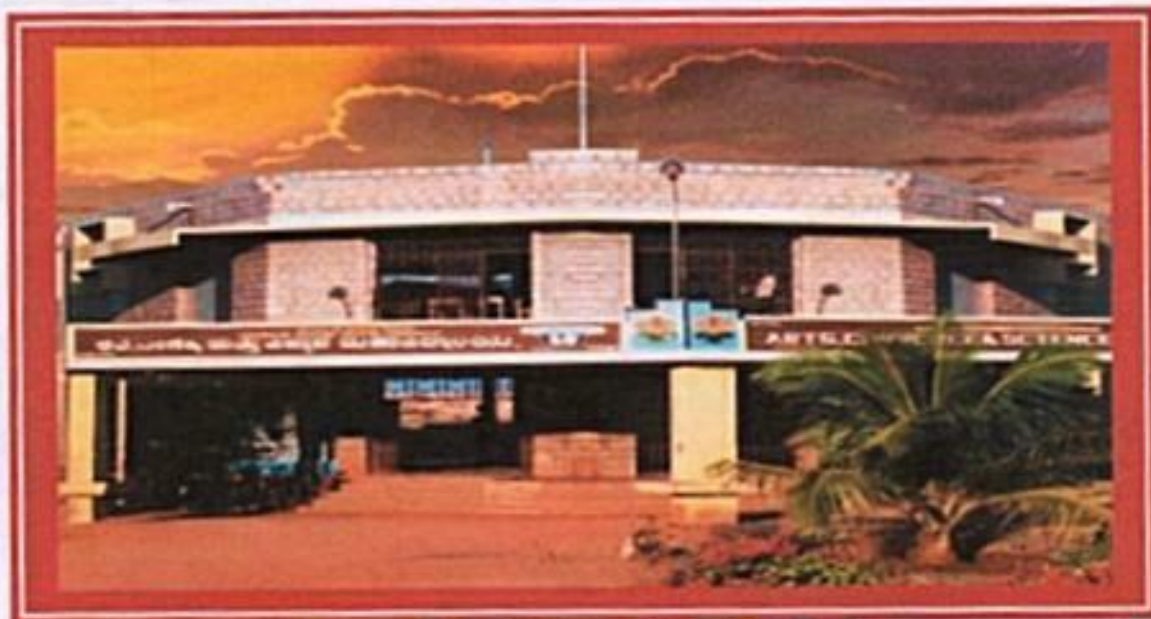
Department of Mathematics

Conducted Certificate Course

"Number Theory"

Academic Year- 2025-26

Date: 03-10-2025 to 30-10-2025



BROCHURE

S. G. V. C.

M. G. V. C.

M. G. V. C.

Head Dept. of Mathematics,
M. G. V. C. Arts, Comm. & Sci. College,
MUDDEBIHAL-586212.

Co-ordinator,
Internal Quality Assurance Cell
M.G.V.C. Arts, Commerce & Science College
MUDDEBIHAL-586212, Dist: Vijayapur.

PRINCIPAL,
M.G.V.C. Arts, Commerce & Science College
MUDDEBIHAL-586212, Dist: Vijayapur.



S. G. V. C. Vidya Prasarak Trust's,
Matoshri Gangamma Veerappa Chiniwar
Arts, Commerce & Science College,

MUDDEBIHAL-586212. Dist. Vijayapur (Karnataka)

(Accredited with CGPA of 3.31 on seven point scale at 'A+' Grade)
Affiliated to Rani Channamma University, Belgavi



• email : princmgvc@gmail.com • www.mgvcmbi.in • 9035103184 •

Ref. No. :

Date : 29/09/25

Permission Letter

Dear Colleagues,

I'm pleased to know through your request letter that you are going to conduct a Certificate Course in "Number Theory" for B.Sc V Semester students for the year- 2025-26.

You are hereby granted permission for the same. I wish you entire project work will be quite successful.

PRINCIPAL,

M.G.V.C. Arts, Commerce & Science College
MUDDEBIHAL-586212. Dist: Vijayapur.

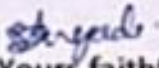
To,
The Principal
MGVC Arts, Commerce and Science
College, Muddebihal.

Date :

Sub: Regarding request for permission to conduct certificate course.

Mathematics Department is interested to conduct a "Certificate Course in Number Theory" for B.Sc V Semester students 2025-26. I hereby earnestly request you to grant your kind permission to make the project work successful. Your co-operation and guidance will be quite helpful to the students in acquiring the academic excellence. I strongly believe that you will oblige.

Thanking you,


Yours faithfully

From,
Prof. S.B. Angadi, HOD
Department of Mathematics
MGVC College, Muddebihal



S. G. V. C. Vidya Prasarak Trust's,
Matoshri Gangamma Veerappa Chiniwar
Arts, Commerce & Science College,

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Ref. No. :

Date : 30/09/25

Notice

All the students of B.Sc course Department of Mathematics are hereby informed to attend Certificate Course in "Number Theory" by Department of Mathematics on 03 October 2025 at 10.30am in Room No: 15, without fail.

Date: 30-09-2025

Place: Muddebihal

PRINCIPAL,

M.G.V.C. Arts, Commerce & Science College
MUDDEBIHAL-586212. Dist: Vijayapur.



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Matoshri Gangamma Veerappa Chiniwar
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Ref. No. :

Date : 30/09/25

To,

Prof. S.B. Angadi
M.G.V.C College,
Muddebihal.

Sub: Appointment as member for Certificate Course Regarding...

Respected Sir,

We are happy to say that have been appointed as member of Board of Studies in Certificate Course of "Number Theory" during the month of October 2025. The BoS meeting held on 30-09-2025 at Department of Mathematics to formulate the syllabus and pattern course structure.

Thanking You,

PRINCIPAL,

M.G.V.C. Arts, Commerce & Science College
MUDDEBIHAL-586212. Dist: Vijayapur.



S. G. V. C. Vidya Prasarak Trust's,
Matoshri Gangamma Veerappa Chiniwar
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• email : princmgvc@gmail.com • www.mgvcmbi.in • 9035103184 •

Ref. No. :

Date : 30/09/25

To,

Prof. S.S. Biradar
M.G.V.C, College,
Muddebihal.

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Matoshri Gangamma Veerappa Chiniwar
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• email : princmgvc@gmail.com • www.mgvcmbi.in • 9035103184 •

Ref. No. :

Date : 30/09/25

To,

Dr. M.K. Mangaloore
M.G.V.C
Muddebihal.

Sub: Appointment as member for Certificate Course Regarding...

Respected Sir,

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S.G.V.C Vidya Prasarak Trust's

**M.G.V.C Arts, Commerce and Science
College, Muddebihal**



Department of Mathematics

Conducted

**"Certificate Course on
Number Theory"**

Academic Year- 2025-26

Time Table

Class: B.Sc V Semester Students

Sl.No	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
01	2.45 to 3.45pm	2.45 to 3.45pm	2.45 to 3.45pm	2.45 to 3.45pm	2.45 to 3.45pm	2.45 to 3.45pm	2.45 to 3.45pm

S. Jayadev
**Head Dept. of Mathematics,
M. G. V. C. Arts, Comm. & Sci. College
MUDEBIHAL-586212.**


PRINCIPAL,
**M.G.V.C. Arts, Commerce & Science College
MUDEBIHAL-586212. Dist: Vijayapur**



S.G.V.C Vidya Prasarak Trust's
**M.G.V.C Arts, Commerce and Science
College, Muddebihal**
Department of Mathematics
Conducted



"Certificate Course on Number Theory"

Class: B.Sc V Semester Students

Subject: Mathematics

Name of the faculty: Prof. S.B.Angadi

: Prof S.S.Biradar

Sl.No	Syllabus	Hours
Unit I	Number theory-I Divisibility of numbers and properties, division algorithm ,properties of prime and composite numbers. Congruences and its properties. Fundamental theorem of arithmetic.	15
Unit II	Number theory-II Bracket function, properties, Euler's functions, Fermat theorem ,Euler and Wilson's theorem	15

References:

- Modern algebra-D.C.Pavate:London MacMillan and co Ltd
- Modern algebra-A R Vasistha and A K Vasistha:Krishna series publication
- Theory of Numbers Prakash om(Golden Series):Laxmi Publication Pvt Ltd Bangalore
- Higher Algebra-Bernard and Child:London Macmillan and co Ltd.

S.B. Angadi
Head Dept. of Mathematics,
M.G.V.C. Arts, Comm. & Sci. College
MUDDEBIHAL-586212.

(Signature)
PRINCIPAL,
M.G.V.C. Arts, Commerce & Science College
MUDDEBIHAL-586212. Dist: Vijayapur.



S.G.V.C Vidya Prasarak Trust's
M.G.V.C Arts, Commerce and Science
College, Muddebihal
Department of Mathematics
Conducted



"Certificate Course on Number Theory"

BoS- Based of Studies- Syllabus

Committee: 2025-26

Sl.No	Name of the Professors	Designation
01	Prof. S.N. Poleshi	Chairman
02	Prof.S.B.Angadi	HOD Mathematics
03	Prof.S.S.Biradar	Member

PRINCIPAL,

M.G.V.C. Arts, Commerce & Science College
MUDEBIHAL-586212. Dist: Vijayapur.

SGVC Vidya Prasarak Trust's

**MGVC ARTS, COMMERCE AND SCIENCE COLLEGE
MUDDEBIHAL**

**DEPARTMENT OF MATHEMATICS
CERTIFICATE COURSE IN**

"NUMBER THEORY" REGISTRATION FORM

Name of the Student : Pallavi Angadi

Father's Name : Gurubasappa

Mobile Number : 6362922280

E - Mail ID : pallaviangadi21@gmail.com

Date of Birth : 06/08/2005

Course Studying : B.Sc Vth Sem (UISNU2350055)

Contact Address : Vidyannagar, Muddebihal : 586212

: Tq : Muddebihal

: District : Muddebihal

Place : Muddebihal

Date : 03/10/25

P. G. Angadi
Signature of the Student

P. G. Angadi
Head Dept. of Mathematics,
M. G. V. C. Arts, Comm. & Sci. College
MUDDEBIHAL-586212.

SGVC Vidya Prasarak Trust's

**MGVC ARTS, COMMERCE AND SCIENCE COLLEGE
MUDDEBIHAL**

DEPARTMENT OF MATHEMATICS

CERTIFICATE COURSE IN

"NUMBER THEORY" REGISTRATION FORM

Name of the Student : Bhagya.m

Father's Name : Manappa

Mobile Number : 9845784281

E - Mail ID : mbhagyas23@gmail.com

Date of Birth : 05-09-2005

Course Studying : BSc 1st Sem (U1SNI23S0047)

Contact Address : Kuchabal, Muddebihal

: Tal- Muddibihal

: Dist- Vijayapura

Place : Muddebihal

Date : 03/10/25

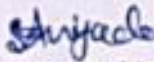
Bhagya.m
Signature of the Student

Shriyada
Head Dept. of Mathematics,
M. G. V. C. Arts, Comm. & Sci. College
MUDDEBIHAL-586212.

[illegible]

[illegible]

22	Tasmiya Usmansha Makandar	Tasmiya	Tasmiya	Tasmiya	Tasmiya	Tasmiya	Tasmiya	Tasmiya	Tasmiya
23	Tasneem Usmansha Makandar	Juno	Juno	Juno	Juno	Juno	Juno	Juno	Juno
24	Bharti Walikar	Chandli	Chandli	Chandli	Chandli	Chandli	Chandli	Chandli	Chandli
25	Pallavi G Angadi	PSA	PSA	PSA	PSA	PSA	PSA	PSA	PSA
26	Shweta P Hangargi	SD	SD	SD	SD	SD	SD	SD	SD
27	BHARATHI YAMANAPPA MANAGULI	B.Y.M	B.Y.M	B.Y.M	B.Y.M	B.Y.M	B.Y.M	B.Y.M	B.Y.M
28	Aishwarya Dindawar	AD	AD	AD	AD	AD	AD	AD	AD
29	Suchitra Shankar Rathod	S.S. Rathod	S.S. Rathod	S.S. Rathod	S.S. Rathod	S.S. Rathod	S.S. Rathod	S.S. Rathod	S.S. Rathod
30	Muskan Lakkadhar	-	-	-	-	-	-	-	-
31	Jyothi Vastrad	Prasth	Prasth	Prasth	Prasth	Prasth	Prasth	Prasth	Prasth
32	RAHUL DEVALAPPA LAMANI	R.L.	R.L.	R.L.	R.L.	R.L.	R.L.	R.L.	R.L.
33	Mallikarjun	M.L.	M.L.	M.L.	M.L.	M.L.	M.L.	M.L.	M.L.
34	Shweta Javalageri	S	S	S	S	S	S	S	S
35	Shriraksha Ghatage	S.Ghatage	S.Ghatage	S.Ghatage	S.Ghatage	S.Ghatage	S.Ghatage	S.Ghatage	S.Ghatage
36	Laxmi Devendra Pattar	L.D. Pattar	L.D. Pattar	L.D. Pattar	L.D. Pattar	L.D. Pattar	L.D. Pattar	L.D. Pattar	L.D. Pattar
37	Bhagya M	Bhagya	Bhagya	Bhagya	Bhagya	Bhagya	Bhagya	Bhagya	Bhagya
38	Soumya Sankal	-	-	-	-	-	-	-	-
39	Pruthvi Prakash Budni	Pruthvi	Pruthvi	Pruthvi	Pruthvi	Pruthvi	Pruthvi	Pruthvi	Pruthvi
40	Asif Dadapeer Attar	Asif	Asif	Asif	Asif	Asif	Asif	Asif	Asif
41	Sushmita Malipatil	S	S	S	S	S	S	S	S
42	Keerthana Raju Lingamurthy	Keerthana	Keerthana	Keerthana	Keerthana	Keerthana	Keerthana	Keerthana	Keerthana


 Head Dept. of Mathematics,
 M. G. V. C. Arts, Comm. & Sci. College
 MUDDEBIHAL-586212.

**MGVC ARTS, COMMERCE AND SCIENCE COLLEGE,
MUDDEBIHAL**
Department of Mathematics, Certificate Course in "NUMBER THEORY"
during the 2025-26."

Name of the student: Pallavi Angadi

Reg.No: U15NU2350055

Signature: P. G. Angadi

Max.Marks: 20

Class: B.Sc. Vth Sem

Date:

Time:

Obt.Marks: 20

1. $\mathbb{Q}$ is the set of rational numbers of the form m/n such that

- ☒ (a) $m, n \in \mathbb{Z}, n \neq 0$ (b) $m, n \in \mathbb{W}, n \neq 0$
(c) $m, n \in \mathbb{Z}, n = 0$ (d) $m, n \in \mathbb{N}, n \neq 0$

2. For a real number x , $|x|$ denotes the absolute value of x such that

- (a) $|x| = x$ if $x \geq 0$ (b) $|x| = -x$ if $x < 0$
(c) $|x| = x$ if $x \leq 0$ ☒ (d) Both a and b

3. The number of elements in a set S is denoted by

- ☒ (a) $\# S$ (b) $S \#$
(c) $* S$ (d) $S *$

4. The real part and imaginary parts of S are denoted by

- ☒ (a) $\text{Re}(S); \text{Im}(S)$ (b) $\text{Real}(S); \text{Imaginary}(S)$
(c) $\text{Rea}(S); \text{I}(S)$ (d) $\text{Rea}(S); \text{Imag}(S)$

5. Both addition and multiplication in $\mathbb{Z}$ are _____.

- (a) Commutative (b) Associative
(c) Distributive ☒ (d) All of these

6. If $a = qb$ for some integers q and $a, b \neq 0$ then we say that

- (a) b divides a (b) b is a factor of a
(c) a is a multiple of b ☒ (d) All of these

7. If $b \neq 0 \in \mathbb{Z}$, then which statement is correct?

- ☒ (a) $0|b$ (b) $b|0$
(c) $0|b$ (d) None of these

8. For any integer $a \in \mathbb{Z}$, mark the correct statement.

- (a) $a|1$ ☒ (b) $1|a$
(c) $0|a$ (d) None of these

9. If S is a non-empty set of non-empty integers, then S has a least element $c \in S$, s.t.

- ☒ (a) $c \leq x, \forall x \in S$ (b) $c < x, \forall x \in S$
(c) $x \leq c, \forall x \in S$ (d) None of the above

10. By Principle of Induction, a set S of positive integers s.t. $1 \in S$ and $k \in S \Rightarrow k+1 \in S$, then

- (a) $S = \mathbb{W}$ ☒ (b) $S = \mathbb{N}$
(c) $S = \mathbb{Q}$ (d) $S = \mathbb{Z}$

11. Which one of the following holds for all $n \in \mathbb{N}$?

- (a) $3n+1 < 2n+2$ (b) $3n < 2n+1$
☒ (c) $n \geq 2n+1$ (d) $3n > 2n+1$

12. If $a, b \in \mathbb{Z}$ and $b \neq 0$, then $\exists$ a unique pair of integers q and r , s.t. $a = bq + r$ where _____.

- (a) $0 \leq r \leq |b|$ ☒ (b) $0 \leq r < |b|$
(c) $0 < r > |b|$ (d) $0 \leq r \leq b$

13. If $n \in \mathbb{Z}$ s.t. n is the square of an odd integer, then perfect square must be of the form _____.

- ☒ (a) $8k+1$ (b) $7k+1$
(c) $6k+1$ (d) $9k+1$

14. An efficient way of obtaining the gcd is known as _____.

- (a) Well ordering principle (b) Division Algorithm
☒ (c) Euclid's Algorithm (d) None of above

15. If $a = qu + r$, then

- (a) $\gcd(a, b) \neq \gcd(b, r)$ ☒ (b) $\gcd(a, b) = \gcd(b, r)$
(c) $\gcd(a, b) = \gcd(q, r)$ (d) None of these

16. Two consecutive terms of a Fibonacci sequence are _____.

- ☒ (a) Coprime (b) Composite
(c) Inverses (d) None of these

17. The n th term of Fibonacci sequence is given by $F_n =$ _____.

- (a) $F_{n-1} + F_{n-2} \forall n > 2$ ☒ (b) $F_{n-1} + F_{n-2} \forall n \geq 2$
(c) $F_{n-1} - F_{n-2} \forall n \geq 2$ (d) None of these

18. Which of the following is a Fibonacci sequence?

- (a) 1, 1, 2, 3, 4, ... (b) 1, 2, 3, 5, ...
(c) 1, 2, 3, 3, 8, ... ☒ (d) 1, 1, 2, 3, 5, 8, ...

19. In Fibonacci sequence, the $\gcd(F_{n+1}, F_n) =$ _____.

- ☒ (a) 1 (b) 2
(c) 3 (d) 0

20. The necessary condition for Diophantine equation $ax + by = c$ to have integral solutions is that

- ☒ (a) $\gcd(a, b) \mid c$ (b) $c \mid \gcd(a, b)$
(c) Both a and b (d) None of these

S. S. S. S.

Head Dept. of Mathematics,
M. G. V. C. Arts, Comm. & Sci. College
MUDDEBIHAL-586212.

Correct

**MGVC ARTS, COMMERCE AND SCIENCE COLLEGE,
MUDDEBIHAL**
Department of Mathematics, Certificate Course in "NUMBER THEORY"
during the 2025-26."

Name of the student: Bhagya.m

Reg.No: U15NU23S0097

Signature: Bhagya.m

Max.Marks: 20

Class: BSC Vth sem

Date:

Time:

Obt.Marks: 19

1. $\mathbb{Q}$ is the set of rational numbers of the form m/n such that

☒ (a) $m, n \in \mathbb{Z}, n \neq 0$ (b) $m, n \in \mathbb{W}, n \neq 0$

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(a) $S = \mathbb{W}$

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(c) $5k+1$

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(a) Well ordering principle

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(c) $F_{n-1} - F_{n-2} \forall n \geq 2$ (d) None of these

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(c) 3 (d) 0

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(c) Both a and b (d) None of these

Skyline
Head Dept. of Mathematics,
M. G. V. C. Arts, Comm. & Sci. College
MUDDEBIHAL-586212.

**MGVC ARTS, COMMERCE AND SCIENCE COLLEGE,
MUDDEBIHAL**
Department of Mathematics, Certificate Course in "NUMBER THEORY"
during the 2025-26."

Name of the student: Muskan Nalatawad

Reg. No: U15NU23 50017

Signature: 

Max. Marks: 20

Class: B.Sc 1st Sem

Date:

Time:

Obt. Marks: 18

1. $\mathbb{Q}$ is the set of rational numbers of the form m/n such that

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☒ (c) $|x| = x$ if $x \leq 0$ (d) Both a and b

3. The number of elements in a set S is denoted by

- ☒ (a) $\# S$ (b) $S \#$
(c) $* S$ (d) $S *$

4. The real part and imaginary parts of S are denoted by

- ☒ (a) $\text{Re}(S); \text{Im}(S)$ (b) $\text{Real}(S); \text{Imaginary}(S)$
(c) $R(S); I(S)$ (d) $\text{Rea}(S); \text{Imag}(S)$

5. Both addition and multiplication in $\mathbb{Z}$ are _____

- (a) Commutative (b) Associative
(c) Distributive ☒ (d) All of these

6. If $a = qb$ for some integers q and $a, b \neq 0$ then we say that

- (a) b divides a (b) b is a factor of a
(c) a is a multiple of b ☒ (d) All of these

7. If $b \neq 0 \in \mathbb{Z}$, then which statement is correct?

- ☒ (a) $b|0$ (b) $0|b$
(c) $0|b$ (d) None of these

8. For any integer $a \in \mathbb{Z}$, mark the correct statement.

- (a) $0|1$ ☒ (b) $1|a$
(c) $0|a$ (d) None of these

9. If S is a non-empty set of non-empty integers, then S has a least element $c \in S$, s.t.

- ☒ (a) $c \leq x, \forall x \in S$ (b) $c < x, \forall x \in S$
(c) $x \leq c, \forall x \in S$ (d) None of the above

10. By principle of induction, a set S of positive integers s.t. $1 \in S$ and $k \in S \Rightarrow k+1 \in S$, then

- (a) $S = \mathbb{W}$ ☒ (b) $S = \mathbb{N}$
(c) $S = \mathbb{Q}$ (d) $S = \mathbb{Z}$

11. Which one of the following holds for all $n \in \mathbb{N}$?

- (a) $3n+1 < 2n+2$ (b) $3n < 2n+1$
☒ (c) $n \geq 2n+1$ (d) $3n > 2n+1$

12. If $a, b \in \mathbb{Z}$ and $b \neq 0$, then $\exists$ a unique pair of integers q and r , s.t. $a = bq + r$ where _____.

- (a) $0 \leq r \leq |b|$ ☒ (b) $0 \leq r < |b|$
(c) $0 \leq r > |b|$ (d) $0 \leq r \leq b$

13. If $n \in \mathbb{N}$ s.t. n is the square of an odd integer, then perfect square must be of the form _____.

- ☒ (a) $4k+1$ (b) $7k+1$
(c) $6k+1$ (d) $9k+1$

14. An efficient way of obtaining the gcd is known as _____.

- (a) Well ordering principle ☒ (b) Division Algorithm
(c) Euclid's Algorithm (d) None of above

15. If $a = b + r$, then

- (a) $\gcd(a, b) \neq \gcd(b, r)$ ☒ (b) $\gcd(a, b) = \gcd(b, r)$
(c) $\gcd(a, b) = \gcd(q, r)$ (d) None of these

16. Two consecutive terms of a Fibonacci sequence are _____.

- ☒ (a) Coprime (b) Composite
(c) Inverses (d) None of these

17. The n th term of Fibonacci sequence is given by $F_n =$ _____.

- (a) $F_{n-1} + F_{n-2} \forall n > 2$ ☒ (b) $F_{n-1} + F_{n-2} \forall n \geq 2$
(c) $F_{n-1} - F_{n-2} \forall n \geq 2$ (d) None of these

18. Which of the following is a Fibonacci sequence?

- (a) 1, 1, 2, 3, 4, ... (b) 1, 2, 3, 5, ...
(c) 1, 2, 3, 3, 8, ... ☒ (d) 1, 1, 2, 3, 5, 8, ...

19. In Fibonacci sequence, the $\gcd(F_{n+1}, F_n) =$ _____.

- ☒ (a) 1 (b) 2
(c) 3 (d) 0

20. The necessary condition for Diophantine equation $ax + by = c$ to have integral solutions is that

- ☒ (a) $\gcd(a, b) \mid c$ (b) $c \mid \gcd(a, b)$
(c) Both a and b (d) None of these

g28/2004

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**MGVC ARTS, COMMERCE AND SCIENCE COLLEGE,
MUDDEBIHAL**
Department of Mathematics, Certificate Course in "NUMBER THEORY"
during the 2025-26."

Name of the student: Keerthana Pouda

Reg.No: U15NU2350022

Signature: KPouda

Max.Marks: 20

Class: B.Sc Vth Sem

Date:

Time:

Obt.Marks: 18

1. $\mathbb{Q}$ is the set of rational numbers of the form m/n such that

☒ (a) $m, n \in \mathbb{Z}, n \neq 0$ (b) $m, n \in \mathbb{W}, n \neq 0$

(c) $m, n \in \mathbb{Z}, n = 0$ (d) $m, n \in \mathbb{N}, n \neq 0$

2. For a real number x , $|x|$ denotes the absolute value of x such that

(a) $|x| = x$ if $x \geq 0$ (b) $|x| = -x$ if

(c) $|x| = x$ if $x \leq 0$ ☒ (d) Both a and b

3. The number of elements in a set S is denoted by

☒ (a) $|S|$ (b) $S \#$

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16. Two consecutive terms of a Fibonacci sequence are _____.

- ☒ (a) Prime (b) Composite
☐ (c) Inverses (d) None of these

17. The n th term of Fibonacci sequence is given by $F_n =$ _____.

- ☐ (a) $F_{n-1} + F_{n-2} \forall n > 2$ ☒ (b) $F_{n-1} + F_{n-2} \forall n \geq 2$
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- ☒ (a) $\gcd(a, b) \mid c$ (b) $c \mid \gcd(a, b)$
(c) Both a and b (d) None of these

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SGVC Vidya Prasarak Trust's
MGVC ARTS, COMMERCE AND SCIENCE COLLEGE, MUDDEBIHAL
 Department of Mathematics, Certificate Course in "NUMBER THEORY" during
 the 2025-26."

Course Evaluation Form

Please indicate your level of agreement with the statements listed below.

Sl.No	Statements / Questionnaires	Strongly agree	Agree	Neutral	Disagree	Strongly disagree
1	The objectives of the course is clearly defined	✓				
2.	Participation and interaction were encouraged	✓				
3.	The teacher was well prepared		✓			
4.	The teacher make the course material interesting	✓				
5.	The teacher uses examples to make the materials easy to understand.		✓			
6.	The teacher was knowledgeable about the course	✓				
7.	The teacher stimulated to interact in the course.	✓				
8.	The time allotted for the course was sufficient.		✓			
9.	The course experience will be useful for research activities.	✓				
10.	The facilities were adequate and comfortable.		✓			

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 Department of Mathematics, Certificate Course in "NUMBER THEORY" during
 the 2025-26."

Course Evaluation Form

Please indicate your level of agreement with the statements listed below.

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8.	The time allotted for the course was sufficient.		✓			
9.	The course experience will be useful for research activities.		✓			
10.	The facilities were adequate and comfortable.	✓				

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Matoshri Gangamma Veerappa Chiniwar
Arts, Commerce & Science College,

MUDDEBIHAL-586212. Dist. Vijayapur (Karnataka)

(Accredited with CGPA of 3.31 on seven point scale at 'A+' Grade)

Affiliated to Rani Channamma University, Belgavi



• email : princmgvc@gmail.com • www.mgvcmbi.in • 9035103184 •

Ref. No. :

Date : 30/10/25

REPORT OF THE CERTIFICATE COURSE

The Mathematics department recently organized a certificate course on 'Number Theory' for B.SC V semester Mathematics students. This program which took place from 03-10-2025 to 30-10-2025. The certificate course in **Number Theory** was designed to provide Students with a comprehensive understanding of the **Number Theory** in mathematics. The course began with essential concepts such as divisibility, prime numbers and Euclidean algorithm, processing to modular arithmetic congruences. Important theorem including Fermat's theorem and Euler's theorem.

Overall, the certificate course in Number Theory successfully achieved its goal of building a solid foundation in pure mathematics while highlighting its relevance in technology and research. Total 42 students were attended the certificate course.

PRINCIPAL,

M.G.V.C. Arts, Commerce & Science College
MUDDEBIHAL-586212, Dist: Vijayapur



S.G.V.C Vidya Prasarak Trust's
**M.G.V.C Arts, Commerce and
Science College, Muddebihal**
IQAC Initiative



Department of Mathematics Organized

Certificate Course on "Number Theory"

Academic Year- 2025-26

This is to certify that Mr/ Ms _____ of
_____ has participated in CERTIFICATE
COURSE ON "Number Theory" organized by the Department of Mathematics, from
Date: 03-10-2025 to 30-10-2025 .

Shri. S.S. Biradar
Course Coordinator
M.G.V.C. Arts, Commerce &
Science College, Muddebihal

Smt. S.B. Angadi
Head, Dept of Mathematics
M.G.V.C. Arts, Commerce &
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