

CLASS DIARY

2019

MD SAHID ALAM

SACT

Department of Mathematics

Gour Mahavidyalaya

2017

02.08.2019

January
Monday

09

ISH : (DC02) Complex NO: polar representation, Arguments and Magnitude. with roots of unity.

Number of students presents : 20

05.08.2019

ISH : (DC02) De Moivre's theorem for rational indices
(12:15-1:00) Some related problem.

January
Tuesday

10

No of students presents : 19

14.08.2019

ISH : (DC02) Examples on Arg 2.
(12:15-1:00) Again clear concept about with roots of unity examples.

W T F S S M T W T F S S M T W T F S S M T W T F FEB
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 . . . 2017

No of students presents : 10

11

January

Wednesday

2017

16.08.2019

ISH : (DC02) Inequality: Basic
(1:00-1:45) about inequality on real
nos. Concept about AM, GM,
HM. Describe $AM \geq GM \geq HM$
in general. Simple example.

No of students presents: 12

12

January

Thursday

16

January
Monday

2017

08.11.2019

1stH : (DC02) Applications of inequality. Maximum and Minimum values of a polynomial. Concept and examples.

1stG : (DC01)(GE01) Analytic Geometry: Concept about Coordinates axes, Transformation of axes. Examples

17

January
Tuesday

11.11.2019

1stH : (DC02) class work on inequalities. Topic close clear concept on inequalities. Some Hard examples.

34 : $v(c)$: Geometric representation of complex number.
Stereographic projection.
Examples.

35H : (DCO2) Theory of Equation
Basic polynomial degree,
Algebraic equation. Previous
idea about th of eqn.

36 : (Com Sc & programming) : History of
Computer, Computer generation,
Operating System.

16.11.2019

25 : ~~Cartesian~~ ~~3D~~ (3D) Rectangular
Cartesian coordinates, vector
concept. Projection of vector.
D. cs. & D. ratio.

36G : (Analytic Geometry) Translation
, Rotation, Invariants.
Examples.

20

January

2017

Friday

18.11.2017.

15H: (DC02) General properties of Eqⁿ. Eqⁿ with real & rational coefficients. Problems.

3S: (Complex $v(c)$) Functions
Continuity of Complex fⁿ
examples, Differentiability
Analytic fⁿ.

21

January

Saturday

20.11.2017

15G: (Analytic Geo.) General Eqⁿ of 2nd degree in x & y .
Classification of Conic. Problems.

30Y:(H): [Complex $v(c)$] Analytic function, Examples
Cauchy. Riemann Equations
Examples.

2G: (Computer) Operating Systems
Hardware Software.

JAN	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T							
2017	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31

22.11.2019

ISG: (Analytic Geometry)

previous lecture base
examples. General eqn of
2nd degree in x and y .
Concept, Basic properties.
Exampler. (Repeated).

No of students presents: 07

ISH: (DC02) Fundamental th of
Classical Algebra, Application
Basic idea
about- transformation
of equations. with
examples.

No of students presents: 10

30

January
Monday

2017

02.12.2019. (Monday)

ISH: (DC02) Transformation of Equation. Details. Discuss all the rules with corresponding examples. Given H.W.

No of students present: 08

3H: [Complex V(C)]

31

January
Tuesday

Practises some question on analytic fⁿ of equation. Statement of Milne's Method. Example.

No of students present: (02)

04.12.2019

ISG: (Analytic Geomety) Canonical forms.

No of students presents: 04

ISH: (DC02) Descartes's Rule of Sign. Examples.

JAN	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T							
2017	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31

No of students present: 25

06.12.2019

24: (Probability & Statistics):

Elements of probability theory: Basic about Outcome, Event, Mutually disjoint, independent events. Some formula related to probability.

No of students present: 07.

15H: (PC 02) Sturm's theorem. Examples.

No of students presents: (12)

February

Thursday

02

15G: (Analytic Geo) Pair of st. lines. Formula. Concept with graph. Examples.

No of students present: 12

03

February
Friday

2017

09.12.2019

15H: (DC02) Relation between
the roots and the
coefficients of equations.

No of Students present:
29

2G: (Probability & Statistics)
Examples on formula on
probability.

No of Students present:
08

04

February
Saturday

15G: (Analytic Geometry):
pairs of st. lines
examples. (2nd day)

No of Students present
: 09

3H: (Complex v.c.)
Harmonic function
Misc examples. Sunday 05

No of Students presents
: 03

2017

February
Monday

06

11.12.2019

2G: (Probability & Statistics)
Conditional probability.
Some algebraic type problems.
And some short question.

No of students presents: 06

February
Tuesday

07

13.12.2019

2G: (Probability & Statistics)

Some Harder examples.
Give Homework.

No of students present
(06)

08

February
Wednesday

2017

18.12.2019

ISH : (DC02) Problems on
Relation between
roots & the coefficients.

No of students: 24

23.12.2019.

09

February
Thursday

ISH: (DC02)

Misc problems on
previous classes. Some
difficult examples.

No of students: 26

27.12.2019. (A)

ISH (DC02) Examples on
Descartes Rule of Signs.
Sturm's theorem.

FEB	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F							
2017	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	•	•	•

No of students: 12

30.12.2019

ISH: (DC02) Unit 2:

Symmetric function.
Concept and examples.

No of Students: (20)

~~Samm~~ 30¹²/₁₉

Md Sabid Alam

SACT

Gour Mahabubuddin.