

Government College, Nagda, Distt. – Ujjain (M. P.)

E-mail ID: gc238238@yahoo.com, hegasccnagujj@mp.gov.in

Teaching Plan (Monthly)

Teacher's Name - Dr Sunil Prasad

Subject- Mathematics

Class- M. Sc. I Sem.

Paper- Advanced Abstract Algebra- I

Month – July 2023

Session- 2023-24

Week.	From date. to date.	Topics/Chapters to be covered	Activities to be done
01	01/07/2023	Introductory Class	Providing Syllabus
02	03/07/2023 to 08/07/2023	Automorphism, Normal and Subnormal series of Groups	Providing Study Material
03	10/07/2023 to 15/07/2023	Composition Series	Providing Study Material
04	17/07/2023 to 22/07/2023	Jordon Holder Theorem	Unit Test
05	24/07/2023 to 28/07/2023	Commutator Subgroup	Providing Study Material
06	31/07/2023	Solvable Series	Providing Study Material



Teacher's Sign



Principal Sign

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Month – August 2023

Session- 2023-24

Week.	From date. to date.	Topics/Chapters to be covered	Activities to be done
01	01/08/2023 to 05/08/2023	Solvable Groups, Central Series	Providing Study Material
02	07/08/2023 to 12/08/2023	Nilpotent Groups	Classroom Teaching by Students
03	14/08/2023 to 19/08/2023	Extension Fields, Roots of Polynomials	Providing Study Material
04	21/08/2023 to 26/08/2023	Algebraic and transcendental Extensions	Providing Study Material
05	28/08/2023 to 31/08/2023	Splitting Fields	Providing Study Material

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Month – September 2023

Session- 2023-24

Week.	From date. to date.	Topics/Chapters to be covered	Activities to be done
01	01/09/2023 to 02/09/2023	Separable and Inseparable Extensions	Providing Study Material
02	04/09/2023 to 09/09/2023	Perfect Fields	Unit Test
03	11/09/2023 to 16/09/2023	Finite Fields	CCE
04	18/09/2023 to 23/09/2023	Algebraically Closed Fields	Providing Study Material
05	25/09/2023 to 30/09/2023	Automorphism of Extensions	Providing Study Material

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Month – October 2023

Session- 2023-24

Week.	From date. to date.	Topics/Chapters to be covered	Activities to be done
01	03/10/2023 to 07/10/2023	Galois Extensions	Providing Study Material
02	09/10/2023 to 14/10/2023	Fundamental Theorem of Galois Theory	Providing Study Material
03	16/10/2023 to 21/10/2023	Solution of Polynomial Equations by Radicals	Preparation of Comprehensive Viva-Voce
04	23/10/2023 to 27/10/2023	Solution of Polynomial Equations by Radicals	Preparation of Comprehensive Viva-Voce
05	30/10/2023 to 31/10/2023	Insolvability of General Equation of Degree 5 by Radicals	Providing Study Material



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Month – November 2023

Session- 2023-24

Week.	From date. to date.	Topics/Chapters to be covered	Activities to be done
01	01/11/2023 to 04/11/2023	Insolvability of General Equation of Degree 5 by Radicals	Providing Study Material
02	06/11/2023 to 11/11/2023	Revision of Units I, II and III	Classroom Teaching by Students
03	13/11/2023 to 14/11/2023 From 16 November	Revision of Units IV and V (Preparation Leaves for Semester Exam)	Test
04	20/11/2023 to 25/11/2023	Preparation Leaves and Semester Exam	Semester Exam
05	28/11/2023 to 30/11/2023	Semester Exam	Semester Exam



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