

**Sh. Manjeet Singh, Associate Professor in Mathematics****Class- B.Sc ( Non-Medical) 3rd Semester****Session - 2024-25****Paper- Partial Differential Equations**

Sr.	Duration	Topic
1	22 July 2024 to 30 July 2024	Formation of Partial Differential Equations.
2	01 August 2024 to 10 August 2024	First Order Linear P.D. Equations.
3	12 August 2024 to 24 August 2024	First Order Non-Linear P.D. Equations.
4	26 August 2024 to 31 August 2024	Revision & unit test & Assignment-I.
5	02 Sept. 2024 to 16 Sept. 2024	Linear P.D. Equations of 2nd & Higher Order.
6	17 Sept. 2024 to 23 Sept. 2024	P.D. Equations with variable coeff. Reducible to equations with constant coefficients.
7	24 Sept. 2024 to 28 Sept. 2024	Revision & unit test & Assignment-II.
8	30 Sept. 2024 to 15 Oct. 2024	Classification & canonical forms of 2nd order linear P.D. equ.
9	16 Oct. 2024 to 26 Oct. 2024	Monge's Method for P.D. Equation & 2nd order.
10	27 Oct. 2024 to 03 Nov. 2024	Diwali Vacations.
11	04 Nov. 2024 to 07 Nov. 2024	Characterstics of 2nd order PDE & Cauchy's Problem.
12	08 Nov. 2024 to 15 Nov. 2024	Method of Separation of Variables: Wave, Heat & laplace equ.
13	16 Nov. 2024 to 22 Nov. 2024	Revision, Unit test & Preparation of final exam.

**Class- B.Sc ( Non-Medical) 5th Semester Session - 2024-25****Paper- Groups and Rings**

Sr.	Duration	Topic
1	22 July 2024 to 05 August 2024	Groups and Subgroups.
2	06 August 2024 to 13 August 2024	Cosets
3	14 August 2024 to 25 August 2024	Homorphism & Automorphism.
4	26 August 2024 to 31 August 2024	Revision & unit test & Assignment-I.
5	02 Sept. 2024 to 6 Sept. 2024	Permutation Group.
6	07 Sept. 2024 to 18 Sept. 2024	Rings and Fields
7	19 Sept. 2024 to 2 6 Sept. 2024	Ideals & Quotient Rings.
8	27 Sept. 2024 to 30 Sept. 2024	Revision , Unit test & Assignment-II
9	01 Oct. 2024 to 15 Oct. 2024	Homorphism of Rings.
10	16 Oct. 2024 to 26 Oct. 2024	Eucildean Rings.
11	27 Oct. 2024 to 03 Nov. 2024	Diwali Vacations.
12	04 Nov. 2024 to 14 Nov. 2024	Eucildean Rings, Polynomial Rings.
13	15 Nov. 2024 to 22 Nov. 2024	Revision, Unit test & Preparation of final exam.

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