**Summary of lesson plan of college Faculty**

Name of College: **IGN College, Ladwa** Academic session **2021-22** Semester: **Even** for the month of **April 2022**

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| **Sr. no.** | **Name of Assistant Professor** | **Subject** | **Class** | **Topic/ chapter to be covered** | **Other Activity** |
| **1** | **Prof. Priyanka** | Mathematics | B.Com. I | Linear Inequalities in two variables |  |
|  |  |  |  | Linear Programming |  |
|  |  |  |  | DATA- Introduction, Classification & Tabulation |  |
|  |  |  |  |  |  |
|  |  |  | B.Sc. I | Multiple products of Vectors |  |
|  |  |  |  | Differentiation of Vectors |  |
|  |  |  |  | Gradient, Divergence & Curl |  |
|  |  |  |  |  |  |
|  |  |  | B.Sc. II | Sequences |  |
|  |  |  |  | Infinite Series |  |
|  |  |  |  |  |  |
|  |  |  | B.Sc. III | Jacobians |  |
|  |  |  |  | Beta & Gamma Function |  |
|  |  |  |  | Double & Triple Integral |  |
|  |  |  |  | Fourier Series |  |

**Summary of lesson plan of college Faculty**

Name of College: **IGN College, Ladwa** Academic session **2021-22**  Semester: **Even** for the month of May **2022**

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| **Sr. no.** | **Name of Assistant Professor** | **Subject** | **Class** | **Topic/ chapter to be covered** | **Other Activity** |
| **1** | **Prof. Priyanka** | Mathematics | B.Com. I | DATA- Introduction, Classification & TabulationcontinuedDiagrammatic representation of data |  |
|  |  |  |  | Graphic representation of data |  |
|  |  |  |  | Data Interpretation |  |
|  |  |  |  | Permutations & Combinations |  |
|  |  |  |  |  |  |
|  |  |  | B.Sc. I | Gradient, Divergence & Curl (Continued) |  |
|  |  |  |  | Vector Integration |  |
|  |  |  |  | Gauss's, Green's & Stoke's theorem |  |
|  |  |  |  |  | Assignment first (unit I) to be taken |
|  |  |  | B.Sc. II | Infinite Series (Continued)Alternating Series |  |
|  |  |  |  | Arbitrary Series |  |
|  |  |  |  | Infinite products |  |
|  |  |  |  | Topology of Real Numbers |  |
|  |  |  |  |  |  |
|  |  |  | B.Sc. III | Fourier Series (Continued) |  |
|  |  |  |  | Calculus of Complex Functions |  |
|  |  |  |  | Elementary Functions & MobiusTransformations |  |
|  |  |  |  | Critical Mappings |  |

**Summary of lesson plan of college Faculty**

Name of College: **IGN College, Ladwa** Academic session **2021-22** Semesters: **Even** for the month of **June 2022**

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| **Sr. no.** | **Name of Assistant Professor** | **Subject** | **Class** | **Topic/ chapter to be covered** | **Other Activity** |
| **1** | **Prof. Priyanka** | Mathematics | B.Com. I | Permutation and combination continued |  |
|  |  |  |  | Binomial Theorem |  |
|  |  |  |  |  | Class Test of unit-II and III to be taken |
|  |  |  | B.Sc. I | Curvilinear Coordinates |  |
|  |  |  |  | Divisibility |  |
|  |  |  |  | Congruences |  |
|  |  |  |  | Fermat's, Wilson's & Chinese Remainder Theorem |  |
|  |  |  |  | Euler's Function & Residue Systems |  |
|  |  |  |  |  | Assignment second (unit IV) to be taken  |
|  |  |  | B.Sc. II | Topology of Real Number (Continued) |  |
|  |  |  |  | Solution of Algebraic & Transcendental Equations |  |
|  |  |  |  | Simultaneous Linear Algebraic Equations |  |
|  |  |  |  |  | Presentation of fast learners |
|  |  |  | B.Sc. III | Projectiles, Central Orbits |  |
|  |  |  |  | Kepler's Laws of Planetary Motion |  |

**Summary of lesson plan of college Faculty**

Name of College: **IGN College, Ladwa** Academic session **2021-22** Semester: **Even** for the month of July **2022**

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| **Sr. no.** | **Name of Assistant Professor** | **Subject** | **Class** | **Topic/ chapter to be covered** | **Other Activity** |
| **1** | **Prof. Priyanka** | Mathematics | B.Com. I | Binomial theorem continued |  |
|  |  |  |  |  | Revision of Syllabus |
|  |  |  | B.Sc. I | Some Functions of Number Theory |  |
|  |  |  |  | Quadratic Residues & Quadratic Reciprocity law |  |
|  |  |  |  |  | Group Discussion |
|  |  |  | B.Sc. II | Puppetting of Strings |  |
|  |  |  |  | Structures and Unions |  |
|  |  |  |  | Pointers |  |
|  |  |  |  |  |  |
|  |  |  | B.Sc. III | Motion of a particle in three dimensions |  |
|  |  |  |  | Motion of a particle on smooth & rough plane curves |  |