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| **Delivery Plan (Weekly Syllabus)**المنهاج الاسبوعي النظري |
|  | **Material Covered** |
| **Week 1** | Introduction - Sequences |
| **Week 2** | Arithmetic sequences and their partial sims |
| **Week 3** | Geometric sequences and their partial sums |
| **Week 4** | Series |
| **Week 5** | Matrices and algebra of matrices |
| **Week 6** | Inverse of matrices |
| **Week 7** | Solving linear system of equations by using inverse of matrices |
| **Week 8** | Determinant and using it to solve linear system of equations |
| **Week 9** | Derivatives |
| **Week 10** | Derivatives of trigonometric, exponential, logarithm functions |
| **Week 11** | Integrals |
| **Week 12** | Integral of trigonometric, exponential, logarithm functions |
| **Week 13** | Interest and simple interest |
| **Week 14** | Compound interest |
| **Week 15** | Present and future values of an annuity |
| **Week 16** | **Preparatory week before the final Exam** |