| **Lesson plan 2021--22 (21 March 2022 to 1 July 2022) Even Sem.** | | |
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| **Name of Assistant professor** | **Dr. Sushila Kumari Hooda** | |
| **Class** | **B. Com II sem (Pass Course)** | |
| **Subject** | **Business Mathematics-II** | |
| **Internal Assessment-** 20 | **Theory Paper Max Marks -** 80 | |
| **Week, Month** | **Topics covered** | **Status/Remarks** |
| Week 1 , 21 to 26 March | Ratio and Proportion  Revision test |  |
| Week 2, 28 March to 2 April | Percentage; Profit and Loss  Revision test |  |
| Week 3, 4 April to 9 April | Compound Interest  Revision test |  |
| Week 4, 11 April to 16 April | Annuities: Certain different types of interest rate; Concept of present value and amount of a sum  Revision Test |  |
| Week 5, 18 April to 23 April | Types of annuities; Present value and amount of an annuity, including the case of continuous compounding  Revision test |  |
| Week 6, 25 April to 30 April | Differentiation (only algebraic problem)  Revision test |  |
| Week 7, 2 May to 7 May | Application of differentiation  Revision test |  |
| Week 8, 9 May to 14 May | Definition of a Matrix ; Types of Matrices, Algebra of Matrices; Calculation of values of Determinants up to third order |  |
| Week 9, 16 May to 21 May | Definition of a Matrix ; Types of Matrices, Algebra of Matrices; Calculation of values of Determinants up to third order |  |
| Week 10, 23 May to 28 May | Adjoint of a Matrix, elementary row and column operations |  |
| Week 11, 30 May to 4 June | Inverse matrix through adjoint and elementary row or column operations |  |
| Week 12, 6 June to 11 June | Inverse matrix through adjoint and elementary row or column operations |  |
| Week 13, 13 June to 18 June | Solution of a system of Linear equations having unique Solution and involving not more than three variables  Solution of a system of Linear equations having unique Solution and involving not more than three variables  Revision Test |  |
| Week 14, 20 June to 25 June | Revision Test and Assignment |  |
| Week 15, 27 June to 1 July | Revision Test and Assignment |  |