Name of the Teacher: Gurjeet Singh

Class: B.Sc. 2nd Year (3rd Semester), Advanced Calculus (Paper – BM 231)

**Lesson Plan**

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| **S No** | **Period** | **Topics to be Covered** | **Academic Activity to be Organized** |
|  | **17-31 July 2017** | **Ch. 3(Indeterminate Forms)** | **Oral Presentations** |
|  | **01-31 Aug 2017** | **Ch.5(Partial Differentiation),**  **Ch.7(Maximum and Minimum of functions of two variables)** | **Oral Presentations** |
|  | **01-30 Sept 2017** | **Ch.2(Derivative and Mean value theorems)**  **Ch.4(limit and continuity of functions of two variables)**  **Ch.6 (Differentiability of functions of two variables)** | **Group Discussion** |
|  | **01-31 Oct 2017** | **Ch.1(Continuous functions)**  **Ch.8(Curves in space)**  **Ch.9(Circle of curvature and Spherical curvature)** | **Group Discussion** |
|  | **01-13 Nov 2017** | **Ch.10(Involutes and Evolutes)**  **Ch.11(Concept of surface and envelopes)** | **Seminar** |

**Topics of Assignments/ Class Tests to be given to the Students:**

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| **Assignment 1** | **To solve section 1 & 2 of question paper of K.U. December 2016** |
| **Assignment 2** | **To solve section 3 & 4 of question paper of K.U. December 2016** |
| **Class Test** | **Ch.6 (Differentiability of functions of two variables)** |