Jai Shree Radhe Krishana

**Vaish College of Education**

**Baund Kalan (Bhiwani)**

**Session:- 2013-14**

**House Exam**

**{Paper:-VI & VII}**

**Teaching of Mathematics**

**Time:- 3 Hrs. Max Marks- 80**

**Note:** Attempt five questions in all, selecting one question

From each Unit, **Q.** No. 1 is compulsory. All Que. Carry equal marks.

 1 Write short notes on any four of the following.

 ****

1. Objectives of teaching mathematics.

****

1. Diagnostic testing ****
2. Laboratory Method****
3. Self teaching importance in Math

****

***Unit :-1***

 2 What is Mathematics? Explain the objectives of teaching Mathematics at secondary stage.

 ****

 3 What type of difficulties are faced by the teacher in teaching mathematics? How will you overcome them? Discuss?

****

**Unit:-2**

 4 What is the deductive and inductive method of teaching mathematics. Explain it with example.

 ****

 5 Write notes on ****

1. Written work ****
2. (Supervised study)****

**Unit:-3**

 6 Analyses one of the following units Pedagogically in terms of objective formulation, learning experience, choosing method and material and evaluation.

 ****

1. Area ****

(ii) Ratio and Proportion ****

 7 Prepare a micro- teaching lesson plan based on secondary school syllabus with components.

 ****

****

**Unit:-VI**

 8 What is mathematics Laboratory? Discuss its need and importance.

 ****

****

 9 What is a C.C.E.? Explain continuous and comprehensive Evaluation merits and demerits.

 ****