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**THE ANSWERS MUST BE ATTEMPTED ON THE ANSWER SHEET PROVIDED**

**Q.1. Answer the following short questions. (6x5=30)**

1. Describe the role of mathematics in developing reasoning skills of Elementary school students.
2. Write the relationship of mathematics with Chemistry.
3. Differentiate between Lecture and Discussion methods of teaching mathematics.
4. Describe the general rules of writing instructional objectives for teaching of mathematics
5. Make a list of various aids in teaching mathematics and their uses.
6. Describe the rules of group discussion for teaching mathematics.

**Q.2. Answer the following questions. (3x10=30)**

1. Explain in detail how instructional objectives help a mathematics teacher in evaluating student performance.
2. Describe the Project Method for teaching mathematics in elementary schools. Also write its advantages and limitations.
3. Write a model lesson plan for the teaching of “Construction of Rectangle”.