

**ST. THOMAS SCHOOL, DHURWA, RANCHI.**

**FIRST TERMINAL 2021-22**

**SUBJECT – CTA      CLASS-IV**  
**LESSON-6 STEPWISE THINKING**

**Q1. Fill in the blanks.**

- a. Al-Khowarizmi
- b. Common
- c. Finite

**Q2. Write (T) for True or (F) for False:**

- a. True    b. True    c. True

**Q3. What is an algorithm? State its characteristics.**

**Ans. The step-by-step plan of solution for solving a given problem is known as an 'Algorithm'.**

**Characteristics of an algorithm are:**

- a. Finite
- b. Definite
- c. Input
- d. Output
- e. Effectiveness

**Q4. What are the steps in problem solving?**

**Ans. Steps in problem solving are-**

- a. Identification of the problem.
- b. Drawing plan for solution.
- c. Input Data.
- d. Processing (Application of Formulae).
- e. Output (Generating the final result).