SIDDEEQ PUBLIC SCHOOL

MODEL PAPER of MATHEMATICS for ADMISSION to GRADE: 7
(Max. Marks:20)

Objective

Q1. **Complete the following mathematical statements.** (1.0×4)

(i) The **parts** of **algebraic expression** separated by the **signs of + and -** are called _____.

(ii) **25 % of 96m** is _____.

(iii) **3×(4+7) = 3×4 + 3×7** is an example of _____**property**.

(iv) Algebraic form of **"2 less than half of a number is 12"** is _____.

Computational Strategies

Q2. **Simplify : 2a - [3a - { 4a - (3b - 2a + 3b) }]** (4.0)

Q3. **Do as directed.** (2.0×2)

(i) **Solve: $1.5x + 4 = 7$**   (ii) **Simplify : $3 : 1\frac{1}{2}$**

Problem Solving Skills

Q4. If **10 %** is **deducted** from a bill, **Rs 58.50** remains to be paid. **How much** was the bill? (4.0)

(Show complete working)

Q5. Ahmad had a **$4\frac{3}{4}$ m** long sheet. He cut two pieces of lengths $2\frac{1}{2}$ m and $1\frac{1}{3}$ m from it. Find the length of remaining sheet? (4.0)

(Show complete working)