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QUESTION PAPER

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School: atul public school
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Grade: Grade 12
Subject: Science

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Q1: Which of the following pairs represents sliding fractions?

Chapter: Fraction
Topic: Types of Fraction
Subtopic: Sliding Fraction
Difficulty: MEDIUM
Type: MSQ

1. $\frac{3}{5}$ and $\frac{6}{10}$
 2. $\frac{1}{4}$ and $\frac{2}{6}$
 3. $\frac{5}{8}$ and $\frac{10}{15}$
 4. $\frac{2}{3}$ and $\frac{4}{9}$
- Correct Answer: $\frac{3}{5}$ and $\frac{6}{10}$

Q2: Identify the fractions that can be obtained by 'sliding' $\frac{2}{7}$.

Chapter: Fraction
Topic: Types of Fraction
Subtopic: Sliding Fraction
Difficulty: MEDIUM
Type: MSQ

1. $\frac{4}{14}$
 2. $\frac{6}{21}$
 3. $\frac{8}{28}$
 4. $\frac{3}{8}$
- Correct Answer: $\frac{4}{14}, \frac{6}{21}, \frac{8}{28}$

Q3: Which of these statements is true regarding sliding fractions?

Chapter: Fraction
Topic: Types of Fraction
Subtopic: Sliding Fraction
Difficulty: MEDIUM
Type: MSQ

1. They are always in their simplest form.
 2. They represent the same value.
 3. They always have different denominators.
 4. They can only be obtained by multiplying both numerator and denominator by the same number.
- Correct Answer: They represent the same value., They can only be obtained by multiplying both numerator and denominator by the same number.

Q4: Which of the following fractions are NOT sliding fractions of $\frac{1}{3}$?

Chapter: Fraction
Topic: Types of Fraction
Subtopic: Sliding Fraction
Difficulty: MEDIUM
Type: MSQ

1. $\frac{2}{6}$
 2. $\frac{3}{9}$
 3. $\frac{4}{12}$
 4. $\frac{5}{16}$
- Correct Answer: $\frac{5}{16}$