Swotters Academy

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Test / Exam Name: Whole_numbers_ch2   Standard: 6th   Subject: Mathematics

Student Name: _____

Section: _____

Roll No.: _____

| Questions: 11 | Time: 00:30 hh:mm | Marks: 20 |

Instructions

1. Keep proper timer
2. Compulsorily write proper question numbers and do the rough work on right side
3. Honesty is the best policy.
4. Make you work tidy

SECTION-A

Q1. Which of the following depicts associative law for multiplication?   **1 Mark**

A a + b = b + a   **B** a × b = b × a

C a + (b + c) = (a + b) + c   **D** (a × b) × c = a × (b × c)

Q2. What least number should be added to 10056 to get a number exactly divisible by 23?   **1 Mark**

A 5   **B** 18   **C** 13   **D** 10

Q3. Write (T) for true and (F) for false against the following statements: **1 Mark**

The predecessor of a two-digit number is never a single-digit number.

Q4. $\frac{-4}{7} \,\square\, \frac{0}{9} = \frac{-4}{7}$ then the answer is: **1 Mark**

A +   **B** -   **C** + or -   **D** None of these

Q5. The rational number $\frac{-18}{5}$ lies between: **1 Mark**

A - 2 and - 3   **B** - 3 and - 4   **C** - 4 and - 5   **D** - 5 and - 6

SECTION-B

Q6. Find the value of the following using various properties: **2 Marks**

7459 × 999 + 7459

Q7. Find the following products, using distributive laws: **2 Marks**

580 × 64

Q8. A taxidriver filled his car petrol tank with 40 litres of petrol on Monday. The next day, he filled the tank with 50 litres of petrol. If the petrol costs Rs. 44 per litre, how much did he spend in all on petrol?   **2 Marks**

SECTION-C

Q9. Simplify: **3 Marks**

$$1\frac{5}{6} + \left[2\frac{2}{3} - \left\{ 3\frac{3}{4} \left(3\frac{4}{5} \div 9\frac{1}{2} \right) \right\} \right]$$

Q10. Find the largest 6-digit number divisible by 16.   **3 Marks**

Q11. A car moves at a uniform speed of 75 km/ h. How much distance will it cover in 98 hours?   **3 Marks**