Subject: - Mathematics **PRACTICE PAPER** **CBSE-7th**

Topic: - Integers

1. Determine each of the following products: - **Ans. $(a = -1000, b = 384)$**

a) $125 \times (-8)$ b) $(-2) \times (-4) \times (-6) \times (-8)$

2. Find the value of: - a) $28945 \times 99 - (-28945)$ **Ans. 2894500**

3. What will be the sign of the product if we multiply together 21 negative integers and 3 positive integers. **Ans. Negative**

4. State which is greater: - a) $\{(-2) - 5\} \times (-6)$ and $(-2) - 5 \times (-6)$ **Ans.** $\{(-2) - 5\} \times (-6)$

5. State True or False: -

a) Of the two integers, if one is negative, then their product must be positive. **Ans. (F)**

b) The product of a negative and a positive integer may be zero. **Ans. (F)**

6. Fill in the blanks: -

a) $\frac{296}{\quad} = -148$ b) $\frac{\quad}{156} = -2$ **Ans. $(a = -2, b = -312)$**

7. Divide: - a) 21590 by -10 b) $\frac{-1357}{0}$ **Ans. $(a = -2159, b = 0)$**

8. Find the value of: - a) $\frac{16.8}{4} - 2 \times 3$ b) $\frac{-8}{-|2|} - 2$ **Ans. $(a = -1.8, b = 2)$**

9. Simplify: - a) $\frac{63-\{(-3)(-2-8-3)\}}{3\{5(-2)(-1)\}}$ b) $3 - (5 - 6 \div 3)$ c) $-25 + 14 \div (5 - 3)$

d) $27 - [38 - \{46 - (15 - \overline{13 - 2})\}]$ **Ans. $(a = 8, b = 0, c = -18, d = 21)$**

10. Using brackets, write a mathematical expression for each of the following: -

a) Eight subtracted from the product of two and three **Ans. $(a = -2, b = 24)$**

b) Two multiplied by one less than the difference of nineteen and six.

11. Simplify with BODMAS rule: - a) $23 - [23 - \{23 - (23 - 23 - 23)\}]$ **Ans. -23**

12. Find the value of :-a) $(-40) \times (-1)(-28) \div 7$ **Ans. -1600**

13. Verify the following: -

a) $19 \times \{7 + (-3)\} = (19 \times 7) + [19 \times (-3)]$