

**BHARTIYA SHIKSHA BOARD**  
**Module Paper - I<sup>st</sup> Term**  
**MATHEMATICS - Class 8**  
**Session 2025-26**

**Time: 1 Hour**

**Max Marks: 20**

**Instructions:**

- Read the questions carefully.
  - 10 minutes extra time is allowed to read this question paper. During this time, students will read the question paper only and not write the answer.
  - This question paper comprises of three section **A, B** and **C**.  
**Section A:** Q.no.1 to 5, carry 1 mark each.  
**Section B:** Q.no.6 to 10, carry 1 mark each.  
**Section C:** Q.no.11 to 15, carry 2 marks each.
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**Section A**

**Choose the correct answer:**

Q1. The square of an even number is always\_\_\_\_\_.

- (a) odd      (b) even      (c) zero      (d) none of these

Q2.\_\_\_\_is additive identity for rational number

- (a) 0                      (b)1                      (c) -1                      (d) 2

Q3. What is the meaning of 'varga'.

- (a) square      (b) cube      (c) cube root      (d) none of these.

Q4.  $(a + b)(a - b)$  is equal to:

- (a)  $a^2 + b^2$       (b)  $a^2 - b^2$       (c)  $2a + 2b$       (d)  $2a - 2b$

Q5.  $a^m \div a^n$  is equal to:

- (a)  $a^{m+n}$       (b)  $a^{m-n}$       (c)  $a^{m/n}$       (d)  $a^{n/m}$

**Section B**

Q6. Find the square root of 256.

Q7. If  $x = \frac{-3}{5}$  and  $y = \frac{1}{3}$  show that  $x - y \neq y - x$ .

Q8. Write two irrational numbers between 0 and 1.

Q9. Which one is greater in  $(5^{-2})^2$  or  $2(5^{-2})$

Q10. Solve  $4(x - 2) = 3x + 7$

### Section C

Q11. Simplify;  $(x + 2)^2 + (x - 2)(x + 2) + (x - 2)^2$

Q12. Solve and verify the solution of  $\frac{(4x+3)}{7} + 2 = \frac{(x+5)}{2}$

Q13. Simplify:  $6y^3 \times \frac{2^{-4}}{y^2} \times 12$

Q14. Find the smallest number by which 1323 be multiplied to make a perfect cube.

Q15. Find the square root of 1046529 by long division method.