



RBSE BOARD ZONE

PREVIOUS YEAR QUESTIONS

CHAPTER-WISE

CO2 + H2 (English Medium)



MATHEMATICS

ALL QUESTIONS OF LAST 10 YEAR'S OF

RAJASTHAN BOARD

- AVAILABLE FOR ENGLISH & HINDI MEDIUM
- BASED ON RATIONALISED NCERT 2023-24
- QUESTIONS FROM 2013–2023
- FOR RBSE EXAMINATION 2023–24













CO.

REAL NUMBERS CHAPTER-1

1.	Find the H.C.F. of numbers 44 and 99.	[1M] (RBSE 2013)
2.	Find the highest positive integer by which dividing the numbers 396, 436 and 542 re 5,11 and 15 respectively.	emainders are [3M] (RBSE 2013)
3.	Find the H.C.F. and L.C.M. of the numbers 180, 72 and 252.	[3M] (RBSE 2014)
4.	Find the HCF of 96 and 404 by the Prime Factorisation Method.	[1M] (RBSE 2015)
5.	Prove that $\sqrt{2}$ is an irrational number.	[3M] (RBSE 2015)
6.	Find the HCF of integers 375 and 675 by the prime factorisation method.	[1M] (RBSE 2016)
7.	Prove that $\sqrt{6}$ is an irrational number.	[3M] (RBSE 2016)
8.	HCF and LCM of two integers are 12 and 336 respectively. If one integer is 48 , then integer.	find another [1M] (RBSE 2017)
9.	Prove that $\sqrt{3}$ is an irrational number.	[3M] (RBSE 2017)
10	. Write the sum of powers of prime factors of 196.	[1M] (RBSE 2018)
11	. If the product of two numbers is 525 and their H.C.F. is 5, then find their L.C.M.	[3M] (RBSE 2018)
12	. Find the HCF of 68 and 119.	[1M] (RBSE 2019)
13	. Prove that $7\sqrt{5}$ is an irrational number.	[3M] (RBSE 2019)
14	. If product of two numbers is 12960 and HCF is 18 then find their LCM.	[1M]

WhatsApp: <u>921-6765-400</u> Website: <u>boardzone.in</u> YouTube: <u>BOARD ZONE</u>

(RBSE 2020)

15. Which of the following is an irrational number? [1M](A) 2(B) 2.232425.... (C) $2.\overline{23}$ (D) 2.23 (RBSE 2022) 16. Find the least common multiple (LCM) of numbers 72 and 120. [1M] (RBSE 2022) 17. Find the highest common factor (HCF) of two numbers 616 and 32. [2M] (RBSE 2022) 18. The sum of the powers of the prime factors of 196 is-[1M] (A) 1(B)2(C) 4(D) 6(RBSE 2023) 19. Highest Common Factor (HCF) of 95 and 152 is. [1M] (RBSE 2023)

BOARD
ZONE

WhatsApp: 921-6765-400 Website: boardzone.in YouTube: BOARD ZONE