Class 10 Maths Real Numbers MCQs

1. If b = 3, then any integer can be expressed as a =
   (a) 3q, 3q+ 1, 3q + 2
   (b) 3q
   (c) none of the above
   (d) 3q+ 1
2. The set A = {0,1, 2, 3, 4, …} represents the set of
   (a) whole numbers
   (b) integers
   (c) natural numbers
   (d) even numbers
3. The decimal form of 129225775 is
   (a) terminating
   (b) non-terminating
   (c) non-terminating non-repeating
   (d) none of the above
4. The product of three consecutive positive integers is divisible by
   (a) 4
   (b) 6
   (c) no common factor
   (d) only 1
5. The largest number that will divide 398,436 and 542 leaving remainders 7,11 and 15 respectively is
   (a) 17
   (b) 11
   (c) 34
   (d) 45
6. Express 98 as a product of its primes
   (a) $2^2 \times 7$
   (b) $2^2 \times 7^2$
   (c) 2×7^2
   (d) 23×7
7. For some integer p, every odd integer is of the form
   (a) 2p + 1
   (b) 2p
   (c) p + 1
   (d) p
8. $m^2 – 1$ is divisible by 8 if m is
   (a) an even integer
   (b) an odd integer
   (c) a natural number

(d) a whole number
9. The product of a non-zero rational and an irrational number is
    (a) always rational
    (b) rational or irrational
    (c) always irrational
    (d) zero
10. The sum of two irrational numbers is always
    (a) irrational
    (b) rational
    (c) rational or irrational
    (d) one

Answers

1. a
2. a
3. c
4. b
5. a
6. c
7. a
8. b
9. c
10. a