Basic Mathematics Quiz 016 (Compound Interest)

1. Nikita invested ₹ 8000 for 3 years at 5% CI in a post office. If the interest is compounded once in a year, what sum will she get after 3 years?

    A) ₹ 9261

    B) ₹ 8265

    C) ₹ 9365

    D) None of these

2. The compound interest on ₹ 2000 at 5% per annum, compounded yearly, for 2 years is

    A) ₹ 315

    B) ₹ 425

    C) ₹ 205

    D) None of these

3. At what rate per cent per annum will ₹ 1000 amount to ₹ 1331 in 3 years? The interest is compounded yearly.

    A) 10% p.a.

    B) 12% p.a.

    C) 13% p.a.

    D) None of these

4. Find the present worth of ₹ 9261 due 3 years, hence at 5% per annum compounded yearly.

    A) ₹ 7000

    B) ₹ 8000

    C) ₹ 9000

    D) None of these

5. The compound interest on ₹ 10000 at 20% per annum at the end of 1 year 6 months if the interest is calculated half-yearly will be

    A) ₹ 5320

    B) ₹ 3310

    C) ₹ 4340

    D) None of these

6. A sum put out at 4% compound interest payable half-yearly amounts to ₹ 6632.55 in $1\frac{1}{2}$ years. The sum is

    A) ₹ 6530

    B) ₹ 6250

    C) ₹ 6470

    D) None of these

7. The compound interest on ₹ 12000 for 9 months at 20% per annum, interest being compounded quarterly, is

    A) ₹ 1891.50

    B) ₹ 1901.50

    C) ₹ 1791.50

    D) None of these

8. The difference of compound interest on ₹ 800 for 1 year at 20% per annum when compounded half-yearly and quarterly is

    A) ₹ 4.40

    B) Nil

    C) ₹ 6.40

    D) None of these

9. The difference between the simple interest and the compound interest on ₹ 600 for 1 year at 10% per annum, reckoned half-yearly is

    A) ₹ 1

    B) ₹ $1\frac{1}{2}$

    C) ₹ 2

    D) None of these

10. ₹ 800 at 5% per annum compound interest amount to ₹ 882 in

    A) 6 years

    B) 2 years

    C) 4 years

    D) None of these

Answer Keys

Question	Answer
1	A
2	C
3	A
4	B
5	B

Question	Answer
6	B
7	A
8	A
9	B
10	B