

## APTITUDE QUIZ

**Q.1.** If the present worth of a certain sum due 2 years hence at 10% per annum at a compound interest principal is Rs. 2500, find the amount.

- (A) Rs. 2400
- (B) Rs. 3025
- (C) Rs. 2420
- (D) Rs. 4220

**ANSWER: A**

**Q.2.** The compound interest on a certain sum for first two successive years are Rs. 100 and Rs. 172 respectively. Find the rate of interest.

- (A) 63%
- (B) 72%
- (C) 55%
- (D) 10%

**ANSWER: D**

**Q.3.** What will be the compound interest on Rs 10000 for 3 years when the rate of interest is 4% in the first year, 5% in the second year and 6% in the third year?

- (A) 1600
- (B) 1625.5
- (C) 1575.2
- (D) 2000

**ANSWER: C**

**Q.4.** What will be the difference between the compound interest and the simple interest on a sum of 1000 for 2 years at 5% per annum?

- (A) 2
- (B) 2.5
- (C) 3
- (D) 3.5

**ANSWER: B**

**Q.5.** What will be the compound interest of Rs 160000 payable half yearly at 10% per annum in 2 years?

- (A) 34846
- (B) 34481
- (C) 19448
- (D) 37946

**ANSWER: B**

**Q.6.** ₹26100 is divided between Mohan and Shyam so that the interest that Mohan receives in 3 years is the same as that Shyam receives in 6 years. If the interest rate of 4% per annum then Mohan's share is :

- (A) ₹8,500
- (B) ₹17,400
- (C) ₹8,700
- (D) ₹19,000

**ANSWER: D**

**Q.7.** A sum of ₹4000 is lent out in two parts, one at 8% simple interest and the other at 10% simple interest. If the annual interest is ₹352. The sum lent at 8% is

- (A) ₹2900
- (B) ₹2200
- (C) ₹2400
- (D) ₹3100

**ANSWER: C**

**Q.8.** On what sum does the difference between the compound interest and the simple interest for 3 years at 10 % is Rs 31?

- (A) Rs 1500
- (B) Rs. 1200
- (C) Rs. 1100
- (D) Rs. 1000

**ANSWER: D**

**Q.9.** In how many years will be Rs. 2,000 amounts to Rs.2,420 at 10% per annum compound interest ?

- (A) 3 years
- (B) 5 years
- (C) 2 years
- (D) 4 years

**ANSWER: C**

**Q.10.** A bank offers 20% compound interest per half year. A customer deposits Rs 7600 each on 1<sup>st</sup> January and 1<sup>st</sup> July of a year. At the end of the year, the amount he would have gained from interest is –

- (A) Rs 9727
- (B) Rs 2432
- (C) Rs 4864
- (D) Rs 1216

**ANSWER: C**