

**Quantitative Aptitude**  
**IBPS | SBI | RRB | RBI**  
**CLERK 2023**  
**PYQS**

**1. Train A running at a speed of 36 km/hr crosses train B in 20 seconds. Find the speed of train B (in km/hr), if the sum of the length of train A & B is 600 meters and both trains running in the opposite direction.**

- (a) 72 km/hr**
- (b) 54 km/hr**
- (c) 48 km/hr**
- (d) 108 km/hr**
- (e) 81 km/hr**

**2. A invests Rs.  $X$  in a business. After four months B joined him with Rs.  $2X$  and A double his investment. If at the end of the years total profit is Rs. 13950, then find the profit share of A?**

- (a) 7250 Rs.**
- (b) 7750 Rs.**
- (c) 8750 Rs.**
- (d) 6750 Rs.**
- (e) 7050 Rs.**

**3. A man invested an amount in two schemes in the ratio of 2 : 3 at the rate of 20% p.a. and 10% p.a. on compound interest respectively. If the man gets a total interest of Rs. 1208 after two years from both the schemes, the find amount invested by man?**

- (a) 6000 Rs.**
- (b) 4800 Rs.**
- (c) 5000 Rs.**
- (d) 4500 Rs.**
- (e) 4000 Rs.**

**4. The sum of the length of a rectangle and the side of a square is 72 meters. If the perimeter of the rectangle is 84 meters and the breadth of the rectangle is 18 meters, then find the measurement of the side of the square (in meters).**

- (a) 48**
- (b) 36**
- (c) 54**
- (d) 60**
- (e) 30**

**5. The ratio of time taken by A, B & C to complete work alone is 4: 6 : 3 respectively. If all three together complete the work in 8 days, then find in how many days A alone complete three – fourth of the same work?**

- (a) 12**
- (b) 30**
- (c) 15**
- (d) 24**
- (e) 18**

**6. The population of a village is decreased by 10% in the first year and then increased by 20% in the second year. Find the population of the village at the end of the second year if two years ago it was 15,000?**

- (a) 16180**
- (b) 16200**
- (c) 16320**
- (d) 16360**
- (e) 16480**

**7. A shopkeeper marked up a shirt 50% above the cost price and allows successive discounts of  $1\frac{11}{9}\%$  and 10% on it. If the difference between profit earned and discount given is Rs. 200 then find the marked price of the shirt?**

- (a) Rs. 2100**
- (b) Rs. 3000**
- (c) Rs. 2400**
- (d) Rs. 3600**
- (e) Rs. 3300**



**8. The downstream speed of a boat is 5 km/hr more than its upstream speed and the ratio of the speed of the boat in still water to the speed of the stream is 19: 5. Find the total time taken by boat to travel 42 km downstream and 31.5 km upstream?**

- (a) 7 ½ hr**
- (b) 8 hr**
- (c) 9 hr**
- (d) 9 ½ hr**
- (e) 10 hr**

**9. A container contains a mixture of two liquids P and Q in the ratio 5 : 3. If 16 liter of the mixture is taken out and replaced with liquid Q, then the new ratio of liquid P to liquid Q becomes 1: 1. Find the initial quantity of mixture in the container.**

**(a) 80 L**

**(b) 60 L**

**(c) 70 L**

**(d) 48 L**

**(e) 96 L**

**10. The ratio of the present age of A to B is 8: 5 and the average of the present age of B and C is 35 years. If five years ago, the sum of ages of A and B is 55 years, then find the difference between the present age of A and C.**

- (a) 12 years**
- (b) 5 years**
- (c) 9 years**
- (d) 8 years**
- (e) 4 years**