Toppersnotes
Unleash the topper in you

BANK- PO/CLERK

IBPS, SBI, RBI, IBPS-RRB, LIC, NABARBD & ALL OTHER BANKING & INSURENCE EXAMS

Previous years Questions

SIERRA INNOVATIONS
Private Limited

SIMPLIFICATION

1. $-676.76 + 1237.87 + 897.34 - ? = 1294.25$

   a. 168.2   b. 164.2   c. 154.2
   d. 164.8   e. None

2. $\frac{3}{8}$ of $(4624 \div (564 - 428)) = ?$

   a. 11.75   b. 12.57   c. 21.75
   d. 12.75   e. None of these

3. $456 \div 24 \times 38 - 958 + 364 = ?$

   a. 228   b. 124
   c. 128   d. 138

4. $3\frac{6}{17} \div 2\frac{7}{34} - 1\frac{9}{25} = (?)^2$

   a. $\frac{2}{5}$ b. $\frac{3}{5}$ c. $\frac{5}{2}$
   d. $\frac{5}{3}$ e. $\frac{4}{7}$

5. $((441)^{\frac{1}{2}} \times 207 \times (343)^{\frac{1}{3}} \div ((14)^2 \times (529)^{\frac{1}{2}} = ?$

   a. 5.75   b. 6.75   c. 7.75
   d. 6.25   e. 6.50

6. $344 \div 4.99 + 144.08 \div 8.89 = ?$

   a. 119   b. 85   c. 43
   d. 54   e. 132

7. $\sqrt{?} \times 359.88 \div 12.01 = 289 - 109.992$

   a. 4   b. 16   c. 84
   d. 36   e. 1

8. $43.99 \times 20.001 - 1439 \div 6 = ?$

   a. 500   b. 640   c. 540
   d. 600   e. 680

9. $459.85 + 519.82 = ? \% \, of \, 1399.92$

   a. 90   b. 70   c. 75
   d. 50   e. 80

10. $40\% \, of \, 309 \div 4 + ? = 6.9992$

    a. 24   b. 18   c. 42
    d. 56   e. 34

11. $5030.05 \div 42.93 + 24.49 \% \, of \, 5049.93 \div 100 =$

    a. 150   b. 170   c. 130
    d. 90   e. 110

12. $(39.99)^2 - (9.9)^2 - (15.1)^2 = ?$

    a. 1675   b. 1500   c. 1725
    d. 1375   e. 1275

13. $1325 \times \sqrt{17} + 20\% \, of \, 508.24 - \frac{3}{4} \, of \, 85.39 = ?$

    a. 5500   b. 5338   c. 5860
    d. 4900   e. 5950

14. $(7.02)^2 \times (360.85)^{\frac{1}{2}} \times (31.98)^2 \div (7.99)^3 - (16.02)^2 = ?$

    a. 3152   b. 3955   c. 4251
    d. 4584   e. 3724

15. Find the value of (?) in the following questions:-

    $? \% \, of \, 179.99 = \sqrt{(24.02)^2 + (17.98)^2} + 60.01\% \, of \, 659.98$

a. 20   b. 50   c. 70

d. 30   e. 15

16. $34.02\%\ of\ 550.09 + ? = 297.07 + \sqrt{728.95}$

                         (SBI PO Pre. 2018)

a. 147   b. 22   c. 18
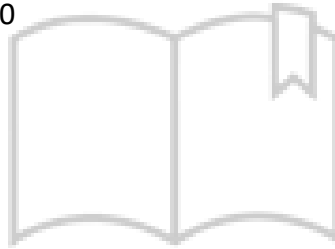
d. 37   e. 57

17. $2^? = 32.01 + 128.01 \times 1023.99 + 7.99$

                         (SBI PO Pre 2018)

a. 5   b. 1   c. 2

d. 3   e. 4

18. $(? + 9.97) \times 12.8 = 20.12\%\ of\ 1319.97$

                         (SBI PO Pre 2018)

a. 210   b. 220   c. 270

d. 290   e. 205

1. If the ratio of incomes of A and B in 2001 is 2:3 and the ratio of incomes of A in 2001 and 2002 is 4:5 find the expenditure of A in 2002, if saving in the same year is Rs.4000. it is given that in 2001 the sum of income of A and B is Rs.25000.

   (IBPS PO 2018)

   (a) Rs.5000   (b) Rs.10500   (c) Rs.9500

   (d) Rs.7500   (e) Rs.8500

2. Jar A has 36 litres of mixture of milk and water in the respective ratio of 5:4 jar B which had 20 litres of mixture of milk and water, was emptied into jar , and as a result in the jar A, the ratio of milk and water becomes 5:3. What was the quality of water in jar B?

   (SBI PO 2018)

   (A) 5 litres   (b) 3 litres   (c) 8 litres

   (d) 2 litres   (e) 1 litres

3. In a vessel there is 40 litres mixture of milk and water. There is 15% water in the mixture. The milkman sells 10 l. of mixture to a customer and then adds 12.5 l. of water to it. What is the respective ratio of milk and water in the new mixture?

   (IBPS RRB CLERK 2018)

   (A) 2:3   (b) 3:2   (c) 3:4

   (d) 4:3   (e) None of these

4. A jar contains a mixture of two liquids A and B in the ratio 4 : 1 when 10 L of the mixture was taken out and 10 l. of liquid B was poured into the jar this ratio becomes 2:3. The quantity of liquid A contained in the jar initiates was:

   (LIC AAO 2018)

   (a) 10 L   (b) 12 L   (c) 14 L

   (d) 18 L   (e) 16 L

5. One container certain a mixture of spirit and water In the ratio 2:3 and another contains the mixture of spirit and water in the ratio 3:2. How much quality from second should be mixed with 10 L of the first so that the resultant mixture has the ratio 4:5

   (IBPS PO 2018)

   (a) 2.86 L   (b) 3.45 L   (c) 4.31 L

   (d) 5.67 L   (e) 8.94 L

6. In a case of 168 students, boys and girls are in the ratio 5:7. 50% of the total students can speak only Hindi. The ratio of number of students speaking only English is 21:16. The ratio of boys speaking in English only is 3:5. If the number of boys speaking both English and Hindi is 12, what is the number of girls speaking Hindi only? (Asume that all students speak at least one language.)

   (IBPS PO – 2016)

   (A) 48   (B) 50   (C) 52

   (D) 55   (E) None of these

7. Present age of A is equal to B's age four years ago. The respective ratio between the present ages of A and C is 6:5. If B is 8 years older than C. what is B's present age? (in year)

   (Indian Bank PO – 2017)

   (A) 20   (B) 24   (C) 28

   (D) 32   (E) 26

8. In the month of July. Ramu spent Rs. 3225 on paying electricity bill, Rs. 1290 on paying water bill, Rs 5160 on paying telephone bill and Rs 645 on paying cable bill. After paying these bills he is left with 84% of his monthly salary. Out of the remaining salary he spends 20% on buying groceries and the remaining he invests in mutual funds and VPF in the

respective ratio of 5:3. How much does he invest in mutual funds every month?

(A) Rs. 29,400   (B) Rs. 28,500
(C) Rs. 30,650   (D) Rs. 26,550
(E) Rs. 27090

9. A, B and C started a business with investments of Rs. 1600, Rs. 2100 and Rs. 1500 respectively. After 8 months from the start of the business, B and C invested additional amounts in the ratio of 3:5 respectively. If the respective ratio between total annual profit and C's share in the annual profit was 3:1, what was the additional amount invested by B after 8 months?

(A) Rs.1200   (B) Rs. 600   (C) Rs. 900

(D) Rs. 300   (E) Rs. 750

10. A, B and C started a business with investments of Rs. 3,000, Rs. 2,600 and Rs. 2,200 respectively. After 8 months from the start of the business, B and V withdrew from the business amounts which were in the ratio of 1:2 respectively. If the respective ratio between total annual profit and C's share in the annual profit was 4:1, what was the amount that C withdrew after 8 months?

(A) Rs. 1200   (B) Rs. 800   (C) Rs. 1600

(D) Rs. 400   (E) Rs. 600

PERCENTAGE

1. John purchased a machine for Rs. 50,000 and spent Rs. 2000 on repair and Rs. 500 on transport and sold it with 20% profit. At what price did he sell the machine?

(IBPS PO 2018)

    A. 62000   B. 60000   C. 61000
    D. 63000   E. None of these

2. The income of A is 150% of the income of B and the income of C is 120% of the income of A. If the total income of A, B and C together is ₹ 86000, what is C's income?

(SBI PO 2016)

    A. ₹ 30000   B. ₹ 32000   C. ₹20000
    D. ₹ 36000   E. None of these

3. In 330 litres of mixtures of milk and water, water is only 24%. The milkman sold 80 litres of this mixture and then he added 60 litres of of pure milk and 26 litres of pure water in the remaining mixture. What is the percentage of water in the final mixture?

(SBI PO 2016)

    A. 39.70%   B. 25.59%   C. 34.68%
    D. 37.34%   E. 16.89%

4. Mithu bhai sells rasgulla at Rs. 15 per kg. A rasgulla is madeup of flour and sugar in the ratio of quantity 5 : 3. The ratio of price per kg of sugar and flour is 7 : 3. Thus, he earns 200/3 % profit. What is the cost price of sugar per kg?

(RBI GRADE B ,2018)

    A. Rs. 10/kg   B. Rs. 9/kg
    C. Rs. 18/kg   D. Rs. 14/kg
    E. Rs. 12/kg

5. A mango and a orange cost s Rs. 200 & Rs. 100 respectively. If the price of mango and orange is increased by 20% and 25 % . If a person wants to buy 10 mangoes and 5 oranges then what is percentage change in the total amount spent by him after increase in the price.

(RBI GRADE B, 2018)

    A. 22   B. 25   C. 21
    D. 26   E. None of these

6. In a village, 60% registered voters cast their votes in the election. Only two candidates (A and B) were contesting the election. A won the election by 600 votes. Had B received 40% more votes, the result would have been a tie. How many registered voters are there in the village?

(RBI GRADE B,2016)

    A. 4000   B. 3500   C. 3000
    D. 3250   E. 3750

7. A container contains a mixture of milk and water in which water is 24%. 50% of the mixture is taken out in which water is 78 litre less than the milk. Find the remaining quantity of milk in that container?

    (a) 171 lit   (b) 152 lit
    (c) 133 lit   (d) 108 lit
    (e) 114 lit

8. Sashi spends 32% of his income in various expenses. Of the remaining, she spends one –fourth on her brother while 9/17 on her sister and remaining keep as savings. If the difference between her money spending on brother and sister is Rs. 3800. What is Shashi's savings?

(SBI PO prelims 2017)

    (a) Rs. 3000   (b) Rs. 2500   (c) Rs. 4000
    (d) Rs. 3400   (e) None of these

9. Rahul gave 60 % of his monthly salary to his wife and the remaining he invested in mutual fund. From the money his wife got, she spent 20 % on groceries, 30 % on rent and remaining amount of Rs. 18000 she Spent on buying gold. What is Rahul's monthly salary?

(IBPS PO Prelims 2019)

    (a) Rs. 60000   (b) Rs. 50000
    (c) Rs. 55000   (d) Rs. 70000
    (e) None of these

10. In a group of boys and girls, 20% boys and 30% girls like the game chess. Find the total number of boys in the group.
  (i) Number of boys like chess is equal to the number of girls like chess.
  (ii) 70 girls present in the group do not like chess.

    (a) Only (i)   (b) Only (ii)
    (c) Only (i) or Only (ii)