



# Bank Job Preparation (Lecture- 01)

2. What is  $4\frac{1}{6}\%$  as a fraction?

a)  $\frac{1}{6}$

b)  $\frac{1}{48}$

c)  $\frac{1}{28}$

d)  $\frac{1}{24}$

3. Which of the following fractions is equivalent of 0.5%?  
a)  $1/20$       b)  $1/200$       c)  $1/500$       d)  $1/2000$

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4. In an office, the ratio of female to male employees is 1:4. What percentage of the employees is male?
- a) 80%      b) 75%      c) 70%      d) 65%

## Topic-2: Expressing percentage respect to other

5. 10% of 4800 is how much more than 8% of 4800?  
a) 84      b) 80      c) 96      d) 98
- 6.

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**If b equals 10% of a and c equals 20% of b. then which one of the following equals 30% of c?**

- a) 0.0006% of a    b) 0.006% of a    c) 0.06% of a    d) 0.6% of a

7. In the last week of a month, a car dealer sold 12 cars. A new sales promotion came out in the first week of the next month and he sold 18 cars during that week. What was the percent increase in sales from the last week of the previous month to the first week of the next month?
- a) 30%      b) 40%      c) 50%      d) 60%



## Topic-3: Percentage involving Unitary Method

9. A school has raised 75% of the amount it needs for a new building by receiving an average donation of Tk. 60 from the people already solicited. The people already solicited represent 60% of the people the college will ask for donations. If the college is to raise exactly the amount needed for the new building, how much must the remaining people donate per person?
- a) Tk 25      b) Tk 30      c) Tk 40      d) Tk 50

**10. At an election involving two candidates, 68 votes were declared invalid. The winning candidate secures 52% and wins by 98 votes. The total number of votes polled is:**

a) 2382

b) 2450

c) 2518

d) 2323

11. Mr. Ahsan is insured completely for Tk 50,000 of damages to his car. For any damage above Tk 50,000, the insurance company will pay Tk 50,000 plus 20% of the rest of the damage amount. For a recent accident, Mr. Ahsan was paid Tk 56,000 by the insurance company. What was the total amount of the damage estimated?
- a) Tk 30,000    b) Tk 70,000    c) Tk 80,000    d) Tk 86,000

## Topic-4: Budget & Consumption

12. If the price of sugar is increased by 25%, how much percent must a person reduce his consumption so that expenditure on sugar remains same?
- a) 18%      b) 20%      c) 23%      d) 25%

13. If the price of petrol increases by 25% and Raju intends to spend only an additional 15% on petrol, by how much% will he reduce the quantity of petrol purchased?
- a) 10%      b) 12%      c) 8%      d) 6.67%

- 14. The price of a loaf of bread was increased by 20%. How many loaves can be purchased now by the amount of money used to buy 300 loaves at the earlier price?**
- a) 240                      b) 250                      c) 280                      d) 320

## Topic-5: More-less & smaller-bigger % Calculation

15. If income of Ravi is 20% more than that of Ram, then income of Ram is how much per cent less than that of Ravi?

- a) 16%      b)  $16\frac{2}{3}$  %      c) 20%      d) 25%

**16. If A's income is 25% less than that of B, then how much percent is B's income more than that of A?**

a)  $33\frac{1}{3}\%$

b)  $66\frac{2}{3}\%$

c)  $11\frac{2}{3}\%$

d) 25%

## Topic-6: Equation Related

17. In a club 50% of the male votes and 80% of the female voters voted for candidate A. if candidate A received 70% of the total votes, what is the ratio of male to female voters?

a)  $\frac{1}{3}$

b)  $\frac{1}{2}$

c)  $\frac{1}{8}$

d)  $\frac{1}{4}$

**18. Karim has 40% more stamps than Rahim. If he gives 45 of his stamps to Rahim, then Rahim will have 10% more stamps than Karim. How many stamps did karim begin with?**

a) 175

b) 200

c) 220

d) 245

# Bank Job Preparation (Lecture- 01)

## Teacher's Work

## Decimal (MCQ)

1.  $0.002 \times 0.5 = ?$  [Pubali Bank (TAT)-2017]

a) 0.0004

b) 0.04

c) 0.001

d) None

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2. The value of  $(1 + .1 + .01 + .001)$  is: [PKB Senior Officer-2014]

a) 1.001

b) 1.011

c) 1.003

d) 1.111

3. The value of  $-3 -(-10)$  is how much greater than the value of  $-10 -(-3)$ ? [BKB (Offi)-2017]

a) 0

b)  $-7$

c) 7

d) 14

4. What is the least number by which 2450 must be multiplied in order to get a perfect square? [Southeast Bank (PO)-2017]
- a) 2                                      b) 3                                      c) 4                                      d) 8

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5.  $\sqrt{0.00004761}$  equals = ? [Uttara Bank (Cash)-2017]

a) 0.00069

b) 0.0609

c) 0.0069

d) 0.069

6. What is the value of  $\frac{\sqrt{28} \times \sqrt{24}}{\sqrt{42} \times \sqrt{8}}$ ? [Al-Arafh IBL-(MTO)-2017]

a)  $2\sqrt{2}$

b)  $3\sqrt{2}$

c)  $\sqrt{2}$

d) None

## Teacher's Work

## Fraction (MCQ)

1. A cake divided into 18 pices. If Rehana takes  $1/3^{\text{rd}}$  of the cake and Rashed takes  $1/3^{\text{rd}}$  of the cake left, how many pices are left? [Combined 7 Bank Officer (Cash): 2023]
- a) 8                                      b) 6                                      c) 4                                      d) 10



4.  $\frac{1}{4}$  of Ahsan's money is equal to  $\frac{1}{6}$  of Babu's money. If both together have Tk. 600, what is the difference between their amounts? [Agrani Bank Offi-2013]
- a) 50                                      b) 120                                      c) 240                                      d) 360



6. At a college football game  $\frac{4}{5}$  of the seats in the lower deck of the stadium were sold. If one-fourth of all the seating in the stadium is located in lower deck, and if  $\frac{2}{3}$  of all the seats in the stadium were sold, what fraction of the unsold seats in the stadium were in the lower deck? [IFIC Bank (MTO)-2013]

a)  $\frac{3}{20}$

b)  $\frac{1}{6}$

c)  $\frac{1}{3}$

d)  $\frac{7}{15}$