

# Fast Track Practice

## Exercise 1 Base Level Questions

1. What is 5% of 50% of 500? [CDS 2012]
  - 12.5
  - 25
  - 1.25
  - 6.25
2. If  $20\% \text{ of } x = 90$ , find  $x$ .
  - 350
  - 450
  - 250
  - 550
  - None of the above
3.  $89\% \text{ of } ? + 265 = 1075.22$  [Bank Clerks 2010]
  - 793
  - 897
  - 893
  - 752
  - None of the above
4. 50 kg is what per cent of 250 kg?
  - 26%
  - 15%
  - 20%
  - 18%
  - None of the above
5. What is  $32\% \text{ of } \frac{3}{8} \text{ th of } 5000$ ? [Bank Clerks 2011]
  - 606
  - 610
  - 580
  - 600
  - None of the above
6.  $12 \text{ of } 26\% \text{ of } \frac{5}{78} \text{ of } 38\% \text{ of } \frac{7}{152} \text{ of } 10000 = ?$  [Hotel Mgmt. 2010]
  - 38
  - 35
  - 41
  - 52
  - None of the above
7. If 15% of  $A$  is equal to 20% of  $B$ , then 25% of  $A$  is equal to what per cent of  $B$ ?
  - 30%
  - $33\frac{1}{3}\%$
  - 35%
  - 25%
8. A number increased by  $137\frac{1}{2}\%$  and the increment is 33. The number is [SSC CGL 2013]
  - 27
  - 22
  - 24
  - 25
9. A person's salary has increased from ₹ 7200 to ₹ 8100. What is the percentage increase in his salary? [CDS 2013]
  - 25%
  - 18%
  - $16\frac{2}{3}\%$
  - $12\frac{1}{2}\%$
10. A's salary is 20% less than B's salary. Then B's salary is more than A's salary by [SSC CGL 2013]
  - $33\frac{1}{2}\%$
  - $16\frac{2}{3}\%$
  - 20%
  - 25%
  - None of the above
11. If the price of petrol is increased by 20%, by what percentage should the consumption be decreased by the consumer, if the expenditure on petrol remains unchanged? [CG PSC 2013]
  - $16\frac{2}{3}\%$
  - $6\frac{2}{3}\%$
  - 8%
  - 15%
  - None of the above
12. If  $A$ 's income is  $\frac{5}{6}$ th of  $B$ 's income, then  $B$ 's income is more than  $A$ 's income by [SSC (10+2) 2012]
  - $25\frac{1}{2}\%$
  - 15%
  - 20%
  - 25%
13. 25% of what amount of money is equal to  $12\frac{1}{2}\%$  of ₹ 180? [SSC FCI 2012]
  - ₹ 120
  - ₹ 75
  - ₹ 80
  - ₹ 90
14. 30% of a 3-digit number is 190.8. What will be 125% of that number? [Bank Clerks 2011]
  - 759
  - 785
  - 795
  - 779
  - None of the above
15. The price of 10% increased of an article of ₹ 100, then again 10% increased the price. How much is increased in total price?
  - 20
  - 21
  - 110
  - 121
16. In a company, there are 724 employees. 25% employees left the job. Find the number of rest of employees.
  - 543
  - 550
  - 578
  - 565
  - None of the above
17. An agent sells goods of value of ₹ 15000. The commission which he receives at the ratio of  $12\frac{1}{2}\%$ , is
  - ₹ 1875
  - ₹ 2125
  - ₹ 2000
  - ₹ 2700
  - None of the above
18. There are 1240 employees in an organisation. Out of which, 25% are promoted. How many such employees are there who got promotion? [Bank Clerks 2009]
  - 398
  - 345
  - 310
  - 372
  - None of the above

## Percentage / 183

**19.** The difference between 78% of a number and 59% of the same number is 323. What is 62% of that number?

[Bank Clerks 2009]

- (a) 1054 (b) 1178 (c) 1037 (d) 1159
- (e) None of the above

**20.** The monthly income of a person is ₹ 5000. If his income is increased by 30%, then what is his monthly income now?

- (a) ₹ 7000 (b) ₹ 5500
- (c) ₹ 4500 (d) ₹ 6500
- (e) None of the above

**21.** The price of a certain article is ₹ 15000. But due to slump in the market, its price decreases by 8%. Find the new price of the article.

- (a) ₹ 14000 (b) ₹ 13800
- (c) ₹ 16500 (d) ₹ 12600
- (e) None of the above

**22.** A water pipe is cut into two pieces. The longer piece is 70% of the length of the pipe. By how much percentage is the longer piece longer than the shorter piece?

[CDS 2014]

- (a) 140% (b)  $\frac{400}{3}\%$
- (c) 40% (d) None of these

**23.** When 35 is subtracted from a number, it reduces to its 80%. What is  $\frac{4}{5}$ th of that number?

- (a) 70 (b) 90 (c) 120 (d) 140
- (e) None of the above

**24.** A man losses 20% of his money. After spending 25% of the remainder, he has ₹ 480 left. What is the amount of money he originally had?

[CDS 2012]

- (a) ₹ 600 (b) ₹ 720
- (c) ₹ 800 (d) ₹ 840

**25.** If income of Vandana is 25% more than that of Aarti, then income of Aarti is how much per cent less than that of Vandana?

- (a) 18% (b) 21% (c) 20% (d) 24%
- (e) None of the above

**26.** In an examination, the marks obtained by Shantanu is 40% less than the marks obtained by Kamal, then marks obtained by Kamal is how much per cent more than the marks obtained by Shantanu?

[Bank Clerks 2009]

- (a)  $55\frac{2}{3}\%$  (b)  $44\frac{3}{5}\%$  (c)  $33\frac{1}{3}\%$  (d)  $66\frac{2}{3}\%$
- (e) None of the above

**27.** Because of scarcity of rainfall, the price of a land decreases by 12% and its production also decreases by 4%. What is the total effect on revenue?

[IIC ADO 2008]

- (a) Loss of 16% (b) Gain of 15%
- (c) Loss of 15.48% (d) Gain of 15.48%
- (e) Loss of 15.52%

**28.** Mangulal, a shopkeeper, marks the prices of his goods at 20% higher than the original price. After that, he allows a discount of 5%. What profit or loss did he get?

- (a) 14% (profit) (b) 16% (loss)
- (c) 14% (loss) (d) 16% (profit)
- (e) None of the above

**29.** The marked price of brand A watches is 15% higher than its original price. Due to increase in demand, the price is further increased by 10%. How much profit will be obtained in selling the watches?

- (a) 25% (b) 35% (c) 26.5% (d) 27%
- (e) None of the above

**30.** The price of sugar is increased by 25%. If a family wants to keep its expenses on sugar unaltered, then the family will have to reduce the consumption of sugar by

[SSC CGL 2010]

- (a) 20% (b) 21% (c) 22% (d) 25%

**31.** If the price of tea falls down by 6%, by how much per cent must a householder increase its consumption, so as not to decrease expenditure?

- (a)  $5\frac{16}{47}\%$  (b)  $4\frac{18}{67}\%$
- (c)  $6\frac{18}{47}\%$  (d)  $6\frac{17}{47}\%$
- (e) None of the above

**32.** A student has to score 40% marks to get through. If he gets 40 marks and fails by 40 marks, then find the maximum marks set for the examination.

- (a) 200 (b) 250 (c) 300 (d) 150
- (e) None of the above

**33.** A candidate scores 20% and fails by 50 marks, while another candidate who scores 40% marks, gets 30 marks more than the minimum required marks to pass the examination. Find the maximum marks for the examination.

- (a) 500 (b) 450
- (c) 300 (d) 400
- (e) None of the above