

Bankersadda Crash Course

For SBI PO Prelims 2019



35 Quant Questions for SBI PO Prelims 2019

Q1. Two pipes A and B can fill a tank in 15 hours and 20 hours respectively while a third pipe C can empty the full tank in 25 hours. All the three pipes are opened in the beginning. After 10 hours, C is closed, In how much time, will the tank be full?

- (a) 12 hrs
- (b) 13 hrs
- (c) 16 hrs
- (d) 18 hrs
- (e) 8 hrs

Q2. Two pipes can fill a cistern in 14 and 16 hours respectively. The pipes are opened simultaneously and it is found that due to leakage in the bottom of the cistern, it takes 32 minutes extra for the cistern to be filled up. When the cistern is full, in what time will the leak empty it ?

- (a) 114 hr
- (b) 112 hr
- (c) 100 hr
- (d) 80 hr
- (e) 12 hr



SBI PO PRIME 2019

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- ✓ 20 Topic wise sets
- ✓ eBooks

BILINGUAL

Q3. The ratio between the speed of a train and a car is 6 : 1 respectively. Also, a bus covered a distance of 480 kms in 12 hours. The speed of the bus is five-ninths the speed of the train. How much distance will the car cover in 5 hours?

- (a) 250 kms.
- (b) 280 kms.
- (c) 260 kms.
- (d) Cannot be determined
- (e) None of these

Q4. Train-A crosses a pole in 25 seconds and another Train-B crosses as pole in 1 minute and 15 seconds. The Length of the train-A is half the length of the train-B. What is the respective ratio between the speed of the train-A and the train-B ?

- (a) 3 : 2
- (b) 3 : 4
- (c) 4 : 3
- (d) 5 : 2
- (e) Cannot be determined

Q5. A, B and C can do a work in 8, 16 and 24 days respectively. They all begin together. A continues to work till it is finished, C leaving off 2 days and B one day before its completion. In what time is the work finished?

- (a) 3 days
- (b) 4 days
- (c) 5 days
- (d) 8 days
- (e) 2 days



Directions (6-10): In each of these questions, two equations numbered I and II are given. You have to solve both the equation and give answer

- (a) if $x < y$
- (b) if $x \leq y$
- (c) if $x > y$
- (d) if $x \geq y$
- (e) if $x = y$ or the relationship cannot be established

Q6. I. $x^2 + x - 12 = 0$

II. $y^2 - 5y + 6 = 0$

Q7. I. $x^2 + 9x + 18 = 0$

II. $y^2 - 13y + 40 = 0$

Q8. I. $x^2 - 6x = 7$

II. $2y^2 + 13y + 15 = 0$

SBI CLERK 2019

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Q9. I. $x^2 - (1 + \sqrt{2})x + \sqrt{2} = 0$

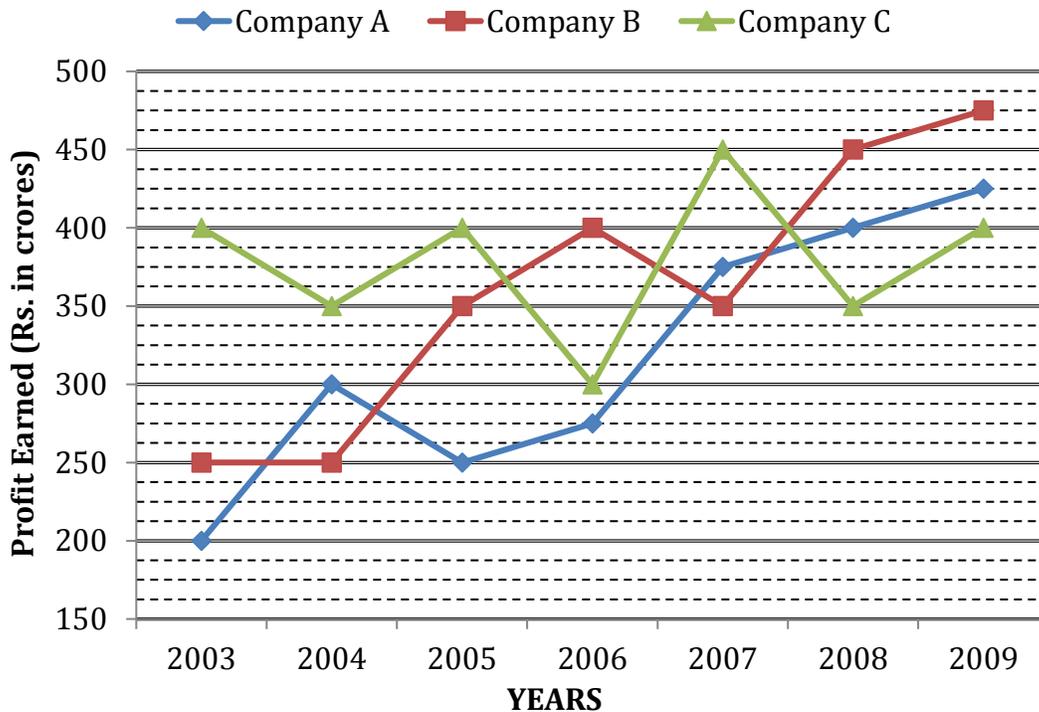
II. $y^2 - 3y + 2 = 0$

Q10. I. $x^2 - 463 = 321$

II. $y^2 - 421 = 308$

Directions (11-15): Study the following graph carefully and answer the questions given below:

**Profit earned by Three companies over the years
(Rs. in crores)**



Q11. What was the average profit earned by all the three companies in the year 2008 ?

- (a) Rs. 300 crore
- (b) Rs. 400 crore
- (c) Rs. 350 crore
- (d) Rs. 520 crore
- (e) Rs. 450 crore

Q12. In which of the following years was the difference between the profits earned by company B and company A the minimum ?

- (a) 2003
- (b) 2004
- (c) 2005
- (d) 2008
- (e) 2007

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Q13. In which of the following years was the total profit earned by all three companies together the highest ?

- (a) 2004
- (b) 2007
- (c) 2008
- (d) 2009
- (e) 2003

Q14. What was the approximate percentage increase in the profit earned by Company A from 2006 to 2007 ?

- (a) 36
- (b) 24
- (c) 40
- (d) 20
- (e) 54

Q15. What was the difference between the profit earned by company A in 2004 and the profit earned by company C in 2009 ?

- (a) Rs. 50 crore
- (b) Rs. 1 crore
- (c) Rs. 100 crore
- (d) Rs. 200 crore
- (e) Rs. 25 crore

Directions (16-20): What approximate value should come in place of the question mark (?) in the following questions ?

(You are not expected to calculate the exact value.)

Q16. $12.002 \times 15.005 - 8.895 \times 6.965 = ?$

- (a) 130
- (b) 117
- (c) 105
- (d) 110
- (e) 95

Q17. $30.01^2 - 19.98^2 - ? = 21.97^2$

- (a) 49
- (b) 50
- (c) 30
- (d) 39
- (e) 16

adda247 test series

CWC 2019
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BILINGUAL
VALIDITY 2 MONTHS

Q18. $(4.989)^2 + (21.012)^3 + \sqrt{1090} = ?$

- (a) 9219
- (b) 9391
- (c) 9319
- (d) 9129
- (e) 9643

Q19. $\sqrt[3]{65} \times 23.93 - 31.04 = ?$

- (a) 98
- (b) 65
- (c) 102
- (d) 35
- (e) 79

Q20. $50.001\% \text{ of } 99.99 \div 49.999 = ?$

- (a) 1
- (b) 0.1
- (c) 0.01
- (d) 0.02
- (e) 2

Q21. The ratio between two numbers is 3:5. If the smaller number is increased by 20% and the bigger one is decreased by 25%, the new ratio of numbers (smaller: bigger) will be -

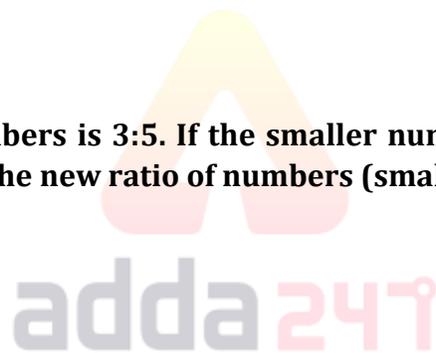
- (a) 25 : 24
- (b) 24 : 25
- (c) 23 : 24
- (d) 24 : 23
- (e) 11: 13

Q22. The difference between C.I. and S.I. on a certain sum at the rate of 10% per annum for 2 years is Rs. 122. Find that sum (in Rs).

- (a) 12,000
- (b) 12,400
- (c) 12,200
- (d) 13,400
- (e) 14,600

Q23. The average of 5 consecutive odd numbers is 25. What is the product of smallest and second largest numbers?

- (a) 567
- (b) 657
- (c) 562
- (d) 576
- (e) 476





SBI CLERK 2019
PRELIMS

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35 TOTAL TEST

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BILINGUAL

Q24. In how many ways the letter of the word 'TWEET' can be arranged?

- (a) 120
- (b) 30
- (c) 240
- (d) 70
- (e) 60

Q25. A train crosses a tunnel and a standing man in 36 and 6 seconds respectively. If the speed of train be 48 kmph, what is the length of tunnel?

- (a) 420 m
- (b) 380 m
- (c) 400 m
- (d) 410 m
- (e) 450 m

Directions (26-30): The following table shows the total number of people who were stuck due to heavy rain in different sectors of Gurugram, Haryana going to their office. Table also shows ratio of male to female in them. Study the table carefully to answer the following questions.

Sectors	Total no. of people	Male: Female
Sector-32	3200	5: 3
Sector-39	3600	5: 4
Sector-40	2400	2: 1
Sector-46	2000	3: 2
Sector-60	1800	1: 2

Q26. If 22% males of sector-39, 24% males of sector-40 reached office on regular time of office, then how many males become late from these sectors together?

- (a) 2,677
- (b) 2,776
- (c) 2,676
- (d) 2,786
- (e) 1,776

Q27. Find the average number of females who were stuck in different sectors given above.

- (a) 820
- (b) 1,220
- (c) 1,120
- (d) 1,040
- (e) 1,160



NABARD
Grade 'A' 2019

**ASSISTANT MANAGER
PHASE-I**

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Q28. Total number of males who were stuck due to rain in sector-32 and sector-46 together is what percent more or less than the total number of females who were stuck in sector-39 and sector-60 together?

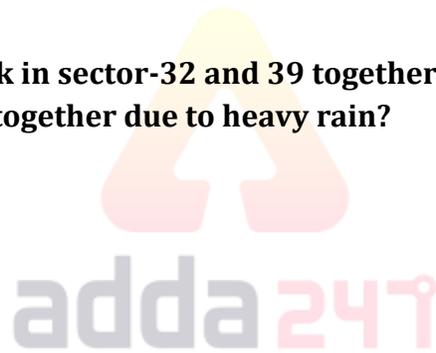
- (a) $\frac{100}{7}\%$
- (b) $\frac{114}{7}\%$
- (c) $\frac{99}{7}\%$
- (d) $\frac{86}{7}\%$
- (e) 11%

Q29. What is the difference between total males stuck in sector-39, 40 and 46 together and total females who were stuck in sector-32, 46 and 60 together due to heavy rain?

- (a) 1,600
- (b) 1,000
- (c) 1,200
- (d) 800
- (e) 1,400

Q30. Total number of people stuck in sector-32 and 39 together is what percent of total number of people stuck in sector-39 and 40 together due to heavy rain?

- (a) $113\frac{1}{3}\%$
- (b) $213\frac{1}{3}\%$
- (c) $113\frac{2}{3}\%$
- (d) $103\frac{1}{3}\%$
- (e) $93\frac{1}{3}\%$



Directions (31-35): What should come in place of the question mark (?) in the following questions?

Q31. $[(165)^2 \div 75 \times 12] \div 36 = (?)^2$

- (a) 13
- (b) 169
- (c) 21
- (d) 11
- (e) 15

Q32. $0.8\% \text{ of } 450 \times 3.2\% \text{ of } ? = 432$

- (a) 4240
- (b) 3250
- (c) 3700
- (d) 3750
- (e) 3570

LIC ADO 2019
PRIME PACKAGE
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65+ TOTAL TESTS

- 20 Full Length Mocks
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- 20 Topic wise Practice Sets
- 2 Previous Years' Papers
- Insurance Knowledge eBook

BILINGUAL

Q33. $(4444 \div 40) + (645 \div 25) + (3991 \div 26) = ?$

- (a) 280.4
- (b) 290.4
- (c) 295.4
- (d) 285.4
- (e) 190.4

Q34. ? % of 250 - 48% of 250 = ?

- (a) 70
- (b) 75
- (c) 85
- (d) 72
- (e) 80

Q35. $2\frac{3}{4} \div 2\frac{2}{3} \div 1\frac{1}{12} = ?$

- (a) $\frac{39}{48}$
- (b) $\frac{5}{4}$
- (c) $\frac{169}{144}$
- (d) $\frac{37}{12}$
- (e) $\frac{99}{104}$



EPFO PRIME ASSISTANT 2019

65 TOTAL TESTS

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BILINGUAL