

SBI PO Mock Test 3

Q.1. The simple interest on a sum of money is 25% of the principal and the rate per annum is equal to the number of years. Find rate percent?

1. 6%
2. 4.5%
3. 5%
4. 8%

Q.2. The selling price of an article including the sales tax is ₹616. The rate of sales tax is 10%. If the shopkeeper has made a profit of 12%, then, what is the cost price of the article?

1. 600
2. 550
3. 515
4. 500

Q.3. The ratio of the number of students studying in schools A, B, C is 6 : 8 : 7 respectively. If the number of students studying in each school is increased by 20%, 15% and 20% respectively. What will be the new ratio of the number of students?

1. 16 : 20 : 18
2. 18 : 23 : 21
3. 18 : 21 : 23
4. 16 : 18 : 20

Q.4. A raincoat marked at ₹80 is sold for ₹68. Find the rate of discount?

1. 15%
2. 18%
3. 19%
4. 21%

Q.5. A seller allows a discount of 5% on a watch. If he allows a discount of 7% he earns ₹15 less in the profit. Find the marked price?

1. 712.50
2. 817.50
3. 750

4. 697.50

Q.6. If 20% of A is equal to 50% of B, then, what percent of A is B?

1. 40%
2. 50%
3. 60%
4. 70%

Q.7. Which of the following multipliers will cause a number to be increased by 29.7%?

1. 12.97
2. 129.7
3. 1.297
4. 1297

Q.8. The sum of three consecutive multiples of 3 is 72. What is the largest number?

1. 36
2. 27
3. 24
4. 21

Q.9. Average age of 10 people learning yoga is 32 years. When the age of their instructor is added then the average becomes 34 years. Find the age of the instructor.

1. 54
2. 45
3. 46
4. 56

Directions 10 - 11: A part of the sentence in each of the following question is underlined and four different ways of phrasing the underlined part is given. You have to choose the best alternative.

Q.10.

The MP rose up to say that in her opinion, she thought the Women's Reservation Bill should be passed on unanimously.

1. rose to say that, in her opinion, the Women's Reservation Bill should be passed on
2. rose up to say that, the Women's Reservation Bill should be passed on
3. rose to say that, in her opinion, she thought that the Women's Reservation Bill should be passed
4. rose to say that she thought the Women's Reservation Bill should be passed

Q.11.

If you are in a three-month software design project **and, in two weeks, you've put together a program that solves part of the problem**, show it to your boss without delay.

1. and, you've put together a program that solves part of the problem in two weeks
2. and, you've put together a program that has solved part of the problem in two weeks
3. and, in two weeks, you put together a program that solved only part of the problem
4. None of these.

Directions 12-13: Below are the statements followed by questions based on the statements. Read the statements and select the appropriate answer.

Q.12.

The writer can only be fertile if he renews himself and he can only renew himself, if his soul is constantly enriched by fresh experience.

Which of the following is most likely to support the above thought?

1. The writer can meet new people to enhance their thoughts..
2. The writer must see new places and experience the world to write new things..
3. Only out of fresh experience can the writer get germs for new writing.
4. None of these

Q.13.

I have been studying it, consciously and subconsciously, for 40 years and I still find men unaccountable; people I know intimately can surprise me by some action of theirs which I never thought them capable of or by the discovery of some trait which exhibit a side of themselves that I never even suspected.

The idea in this sentence can be best summarised as-

1. men are inconsistent and therefore one should not be confident even about one's closest friends.
2. no matter how closely you know somebody there still exists an unknown facet of his personality.
3. men are unpredictable, one can never tell what they will do next; hence, one should be very careful in one's dealings.
4. None of these

Directions: 14-16: Sentences in each question given below has been broken up into four parts sequentially (I,II,III and IV). Choose that part which contains a mistake.

Q.14

- I. A person who earns a
- II. few thousand rupees

- III. and decides to save
- IV. many of it must be a miser.

- 1. Both I and IV
- 2. Only III
- 3. Only IV
- 4. Both II and III

Q.15.

- I. Gavaskar was a great batsman who
- II. having played more than 100
- III. test matches, he then decided
- IV. to call it a day.

- 1. Both I and II
- 2. Only I
- 3. Only II
- 4. Only III

Q.16.

- I. Management education is
- II. becoming highly sought after
- III. by aspiring ambitious students
- IV. because of high demand in the job market.

- 1. Both III and IV
- 2. Only III
- 3. Only II
- 4. Both I and II

Q.17. If $\times$ means $+$, $+$ means $\div$, $-$ means $\times$ and $\div$ means $+$, then $8 \times 7 - 8 + 40 \div 2 = ?$

- 1. 1
- 2. $7\frac{2}{3}$
- 3. $8\frac{3}{4}$
- 4. 44

Directions 18-20 : In the question given below two statements are given labelled as A-assertions and R-reasons. Read carefully and answer the questions.

Q.18.

Assertion (A) - Indian President is the head of the state.

Reason (R)- Indian Parliament consists of the President, Rajya sabha and Lok sabha.

1. Both A and R are true and r is the correct explanation of A.
2. Both A and R are true but R is not the correct explanation of A.
3. Either A or R is false
4. Both A and R are false.

Q.19.

Assertions (A) - Pipes carrying water often burst in cold countries during severe winter.

Reasons (R) - Water expands on freezing.

1. Both A and R are true and R is the correct explanation of A.
2. Both A and R are true but R is not the correct explanation of A.
3. Either A or R is false
4. Both A and R are false.

Q.20.

Assertions (A) - Tamil Nadu gets most of the rainfalls in winter.

Reasons (R) - Tamil Nadu gets rainfall from retreating monsoons.

1. Both A and R are true and R is the correct explanation of A.
2. Both A and R are true but R is not the correct explanation of A.
3. Either A or R is false
4. Both A and R are false.

Q.21.

Statements: All shares are debentures. No debenture is equity.

Conclusions:

- I. No equity is a share.
- II. Some debentures are shares.
- III. No share is equity.

1. Only I follows
2. Only II follows
3. Only III follows
4. All Follows

Q.22.

Statements: Some men are educated. Educated persons prefer small families.

Conclusions:

- I. All small families are educated
- II. Some men prefer small families.

1. Only I follows
2. Only II follows
3. Either I or II follows
4. Neither I nor II follows

Q.23. In the word PRODUCTION how many such pair of letters are there each of which has as many letters between them as in the english alphabet.

1. Two
2. Three
3. Four
4. More than four

Directions 24-25: Read the sentence carefully and answer the following questions.

In a certain code 'il be pee' means 'lilies are blue' 'sik hee' means 'yellow flower' and 'pee mit hee' means 'flowers are beautiful'.

Q.24. How is yellow written in this code?

1. Sik
2. Be
3. Hee
4. Cannot be determined

Q.25. How is lilies written in that code?

1. Pee
2. Be
3. Il
4. Cannot be determined

Answer Key

Q 1. 3	Q 2. 4	Q 3. 2	Q 4. 1	Q 5. 3
Q 6. 1	Q 7. 3	Q 8. 2	Q 9. 1	Q 10. 4
Q 11. 4	Q 12. 3	Q 13. 2	Q 14. 3	Q 15. 4
Q 16. 2	Q 17. 2	Q 18. 2	Q 19. 1	Q 20. 1
Q 21. 4	Q 22. 2	Q 23. 2	Q 24. 1	Q 25. 4

SBI PO Mock Test 3 Solutions

Solution 1: Let Principal = y, time = t years

Then interest = $y/4$, Rate = $t\%$

Now using the SI formula, i.e. $SI = [P \times R \times T] / 100$

$$y/4 = [y \times t \times t] / 100$$

$$t^2 = 25$$

$$t = 5\%$$

Solution 2: 110% of SP = ₹616

$$SP \Rightarrow [(616 \times 100) / 110] = 560$$

$$\therefore CP \Rightarrow [(100/112) \times 560] = 500$$

Solution3: let the number of students studying in schools A,B,C be 6x, 8x and 7x respectively.

Then the new strength of schools A, B, and C will be as such:

$$A = 120\% \text{ of } 6x = 36x/5$$

$$B = 115\% \text{ of } 8x = 46x/5$$

$$C = 120\% \text{ of } 7x = 42x/5$$

$$\therefore \text{required ratio will be} = 36x/5, 46x/5, 42x/5$$

$$= 18 : 23 : 21$$

Solution 4: Rate of Discount = $[(12/80) \times 100]\% = 15\%$

Solution 5 : let the marked price be x.

then , 7% of x - 5% of X = 15

$$\text{i.e. } 2\% \text{ of } x = 15$$

$$x = [(15 \times 100) / 2] = 750$$

Solution 6 : 20% of A = 50% of B

$$\text{i.e. } [20/100] \times A = [50/100] \times B$$

$$\text{i.e. } A/5 = B/2$$

$$\text{i.e. } B = 2A/5$$

Therefore, the required percentage = $([B/A] \times 100)\%$

$$(2A/5 \times 1/A \times 100)\% = 40\%$$

Solution 7: let the number be 100 and required multiplier br y.

$$\text{Then, } 100y = 129.7 \text{ or } y = 129.7/100 = 1.297$$

Solution 8: let the number be 3x, (3x+3), (3x+6)

Then, $3x + (3x + 3) + (3x + 6) = 72$

$$9x = 63$$

$$x = 7$$

Therefore, the largest number is $(3 \times 7 + 6) = 27$.

Solution 9: Age of the instructor - $(34 \times 11 - 32 \times 10)$ years

$$374 - 320 = 54 \text{ years.}$$

Solution 17. Using the correct symbols, the expression comes like this-

$$8 \times 7 - 8 + 40 \div 2$$

$$8 + 7 \times 8 \div 40 - 2$$

$$8 + 7/5 - 2$$

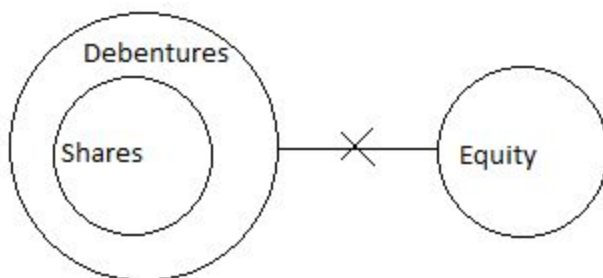
$$= 7 \frac{2}{5}$$

Solution 18: Both A and R are true. Indian President is the constitutional head of the executive, the real power being vested in the Council of Ministers.

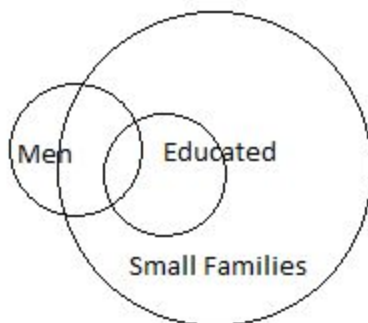
Solution 19: During severe winters water in the pipes freeze to ice and expands, resulting in bursting of pipes.

Solution 20: Rainfall in Tamil Nadu is caused by retreating Monsoons which occur in winter.

Solution 21.



Solution 22.



Solution 23.



Solution 24-25:

Il - Lilies/blue

Be- lilies/blue

Pee- are

Hee- flower

Mit- beautiful

Sik- yellow