Aptitude Full Paper 1
For Solution Join 3 Months SBI Clerk And LIC AAO 2021 Target Batch : Click Here

Directions (1-5) (Read the data carefully and answer the questions.)
A Publication sold three books i.e. Quant, English and reasoning on three different stores i.e. A, B and C.
Quant, reasoning and English book are sold at 20% discount by store A, C and B respectively. Quant, reasoning and English book are sold at 15% discount by store C, B and A respectively. Discount percent given on Quant book by store B is half of discount percent given on reasoning book by store C. M.R.P. for each book is same at every store

1. Store A sold reasoning book at Rs. 880, find M.R.P of the book if discount given by store A on reasoning book is 20% more than discount given by store B on quant book?

  a) Rs. 1200
  b) Rs. 1000
  c) Rs. 960
  d) Rs. 1240
  e) None of these.

2. If total selling price of Quant book for store A and B together is Rs. 510. Find M.R.P. of Quant for store B?

  a) 240
  b) 270
  c) 290
  d) 300
  e) 450

3. If market price of a reasoning book was 50% more than cost price of the book for store C. Find profit percent on selling a reasoning book by store C?

a) 20%
b) 15%
c) 18%
d) 10%
e) 12%

4. What is the ratio of average discount given on quant book by store A, reasoning book by store C and English book by store B to market price of a book?

a) 5:4
b) 2:3
c) 3:2
d) 1:5
e) 4:5

5. If an English book is sold at Rs. 170 by store A, the find selling price of reasoning book for store C?

a) Rs. 160
b) Rs. 170
c) Rs. 135
d) Rs. 105
e) None of these.

Directions : (6-10)

(What should come in place of the question mark (?) in the following number series?)

6. 3, 52, 88, 113, 129, ?
  a) 148
  b) 142
  c) 133
  d) 145
  e) 138

7. 2, 3, 8, ?, 112, 565
  a) 36
  b) 14
  c) 27
  d) 45
  e) 54

8. 6, 4, 8, 23, ?, 385.25
  a) 84.5
  b) 73
  c) 78.5
  d) 82
  e) 86

9. 8, 64, 216, 512, ?, 1728
  a) 729
  b) 1331
  c) 684
  d) 1000
  e) 1004

10. 113, 130, 164, 215, ?, 368
  a) 293
  b) 273
  c) 283

d) 327
e) 382

11. Nandita scored 80% marks in five subjects together Hindi, Science, Mathematics, English and Sanskrit, where the maximum marks of each subject were 105. How many marks did Nandita scored in Science, if she scored 89 marks in Hindi 92 marks in Sanskrit, 98 marks in Mathematics and 81 marks in English?

a) 60
b) 75
c) 65
d) 70
e) 80

12. A and B started a business in a partnership by investing Rs. 22000 and Rs. 33000 after 3 months B left from the partnership and C joined by Rs. 132000. At the end of the year there was a profit of Rs. 14100. Find the profit of C (in Rs.)?

a) Rs. 10800
b) Rs. 24000
c) Rs. 25300
d) Rs. 12300
e) Rs. 11800

13. Gold and silver are in the ratio 3:5 in 320 gms of an alloy, find the quantity of silver to be added to it to make the ratio 1:3.

a) 160 gms
b) 165 gms

c) 155 gms
d) 176 gms
e) 184 gms

14. Ratio of the earnings (in Rs.) of P and Q is 4 : 7. If the earnings of P increases by 50% and those of Q decreases by 25%, the new ratio of their earnings becomes 8 : 7. How much is P's earning?

a) Rs. 28000
b) Rs 21000
c) Rs. 26000
d) Data inadequate (डेटा अपर्याप्त)
e) None of these

15. In a class there are 72 boys whose average age is decreased by 2.5 months, when 1 boy aged 30 years is replaced by a new boy. Find the age of the new boy.

a) 16 years
b) 10 years
c) 15 years
d) 20 years
e) 24 years

Directions : (16-20) : What should come in place of question mark (?) in the following simplification problems ?

16. 46% of 450 + 84% of 525 − 55% of 880=?

a) 164
b) 166
c) 170
d) 162..
e) 160

$$(-3)^{(-2)^{(-2)}} \div (3)^{(-2)^{(-2)}} = ?$$

17.

a) 1
b) -1
c) 3
d) -3
e) None of these

18. 55% of 280 + 60% of 555 = ?

(280 का 55% + 555 का 60% = ?)

a) 487
b) 1014
c) 1011
d) 817
e) None of these

19. 0.09 × 0.1 – 0.009 ÷ 10 + 0.09 = ?
a) 0.01009
b) 0.0101
c) 0.19
d) 0.109
e) 0.0981

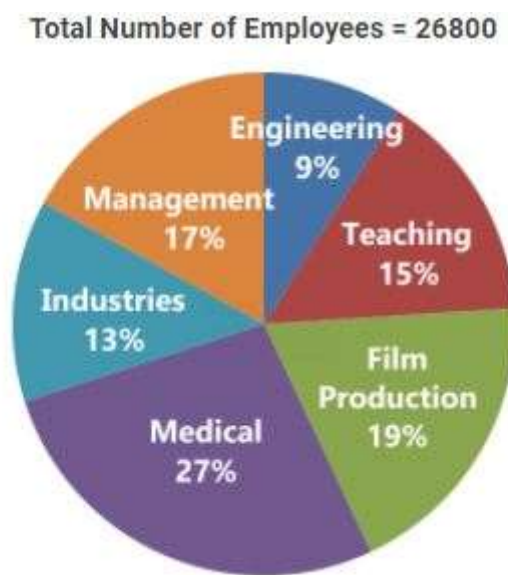20. $1008 \div 16 \times 3/7 + 19 \times 204 = 13 \times 15 + x$

A) 5327

B) 3099

C) 3476

D) 5376

E) 3708

Directions (21-25) Study the following pie chart and answer the following questions.

Percentage-wise Distribution of Employees in Six Different Professions

Total Number of Employees = 26800

21. What is the difference between the total number of employees in teaching and medical profession together and the number of employees in management profession?

a) 7170

b) 7700

c) 7570
d) 7770
e) 7275

22. In management profession three-fourth of the number of employees are female. What the number of male employees in management profession?

a) 1225
b) 1138
c) 1272
d) 1289
e) 1139

23. 25% of employees from film production profession went on a strike. What is the number of employees from film production who have not participated in the strike?

a) 3271
b) 3819
c) 3948
d) 1273
e) 1246

24. What is the total number of employees in engineering profession and industries together?

a) 5690
b) 5884
c) 5679
d) 5896
e) 5487

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25. In teaching profession if 60 % teachers are not permanent, what is the number of permanent teachers in the teaching profession?

  a) 1608
  b) 1640
  c) 1764
  d) 1704
  e) 1686

Directions(26-30): Find the values of x and y, compare their values and choose a correct option.

26.
I. $x^2 + 36x + 323 = 0$
II. $y^2 + 30y + 221 = 0$
  a) x > y
  b) y > x
  c) x >= y
  d) No relation.
  e) y >= x

27.
I. $x^2 + 2x - 24 = 0$
II. $y^2 + 2y - 15 = 0$

  a) x > y
  b) y > x
  c) x >= y
  d) No relation.
  e) y >= x

28.
I. $x^2 + 15x + 50 = 0$
II. $y^2 + 23y + 132 = 0$

a) x > y
b) y > x
c) x >= y
d) No relation.
e) y >= x

29.
I. $x^2 + 8x - 128 = 0$
II. $y^2 - 17y + 72 = 0$

a) x > y
b) y > x
c) x >= y
d) No relation.
e) y >= x

30.
I. $x^2 - 10x + 24 = 0$
II. $y^2 - 18y + 77 = 0$

a) x > y
b) y > x
c) x >= y
d) No relation.
e) y >= x

31. A person invested Rs.25,000 for 8 years and got the interest amount Rs.1750.If rate of interest is increased by 3%, what will be the amount received after given period?

a) 45000
b) 40000
c) 15000
d) 25000
e) 40000

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32. Kavya marked an bamboo chair for Rs. 15000. Had she offered a discount of 10% on the marked price, she would have earned a profit of 8%. Find the cost price.

a) 12500
b) 22500
c) 32500
d) 11000
e) 11500

33. The perimeter of the room in rectangular shape is 42 meter. The length of the room is twice the breadth of the room. Find the area of the room?

a) 98
b) 97
c) 96
d) 95
e) 94

34. 2 boys and 3 girls together or 4 boys can complete a piece of work in 20 days. 3 boys and 3 girls will complete the same work in how many days?

a) 15
b) 16
c) 17
d) 18
e) 19

35. If a boat travels with a speed 25km/hr in still water and the speed of stream is 5km/hrs . What would be the time taken by boat to go 40 km upstream?

a) 2
b) 4
c) 6
d) 8
e) 10

Answers

Solution (1-5)

Discount percent given on Quant book by store B = $\frac{1}{2}$×20% = 10%

Table shows discount percent given by three different stores on three different books.

Store and book name	A	B	C
Quant	20%	10%	15%
Reasoning		15%	20%
English	15%	20%	

1. Answer : B

Discount given by store A on reasoning book = 10×$\frac{120}{100}$ = 12%

M.R.P. of books = 880×$\frac{100}{88}$ = 1000 Rs.

2. Answer : D
Let M.R.P. of each book = Rs. 100a

ATQ,

$$100a \times \frac{80}{100} + 100a \times \frac{90}{100} = 510$$

170a = 510
a = 3
So, 100a = Rs. 300

3. Answer : A

let cost price of a reasoning book for store C = Rs. 100y

Market price of a book for store C = $100y \times \frac{150}{100} = Rs. 150y$

Selling price of book for store C = $150y \times \frac{80}{100} = Rs. 120y$

Required profit percent = $\frac{120y - 100y}{100y} \times 100 = 20\%$

4. Answer : D

Let M.R.P. of each book = Rs. 100c

Required ratio = $\frac{1}{3} \times \left(100c \times \frac{20}{100} + 100c \times \frac{20}{100} + 100c \times \frac{20}{100}\right) : 100c$

= 20:100
= 1:5

5. Answer : A

Selling Price of reasoning book for store C = $\frac{170}{100-15} \times (100 - 20)$

= Rs. 160

6. Answer : E
Series Pattern = $7^2 ,+ 6^2 ,+ 5^2 ,+ 4^2 ,+ 3^2$

7. Answer : C
The pattern of the number series is ×1+1, ×2+2, ×3+3, ×4+4, ×5+5

8. Answer : A
The pattern of the number series is ×0.5+1, ×1.5+2, ×2.5+3, ×3.5+4, ×4.5+5

9. Answer : D
the number series is = $2^3 ,4^3 ,6^3 ,8^3 ,10^3$

10. Answer : C

Series is
113   130   164   215   283   368
   +17   +34   +51   +68   +85
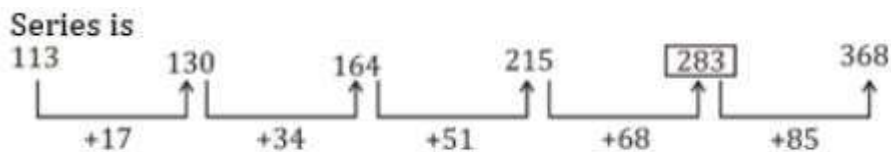
11. Answer : A
Total of maximum marks of all subjects = 105 × 5 = 525

80% of 525 = $525 \times \frac{80}{100}$ **= 420**

Obtained marks of four subjects (Hindi, Sanskrit, Mathematics and English) = 89 + 92 + 98 + 81 = 360
So, the obtained marks in Science = 420 – 360 = 60

12.Answer : A
Profit of A,B,C in the ratio = 22000×12 : 33000×3 : 132000×9
= 8 : 3: 36

$$\text{Profit of C} = \frac{36}{8+3+36} \times 14100$$
$$=\text{Rs.}10800$$

13. Answer : A
Let Gold = 3x gms
Silver = 5x gms
3x + 5x = 320 gms
x = 40
So, Gold = 120 gms
    Silver = 200 gms

$$\frac{120}{200+y} = \frac{1}{3}$$
$$Y = 160 \text{ gms.}$$

14. Answer : D
No information about total earnings so, data inadequate.

15. Answer : C
Effect on total age of the class=72 × 2.5=180 month or
15 years decrease so the age of new boy will be 30-15=15 years

SBI Clerk & LIC AAO 3 Months BATCH
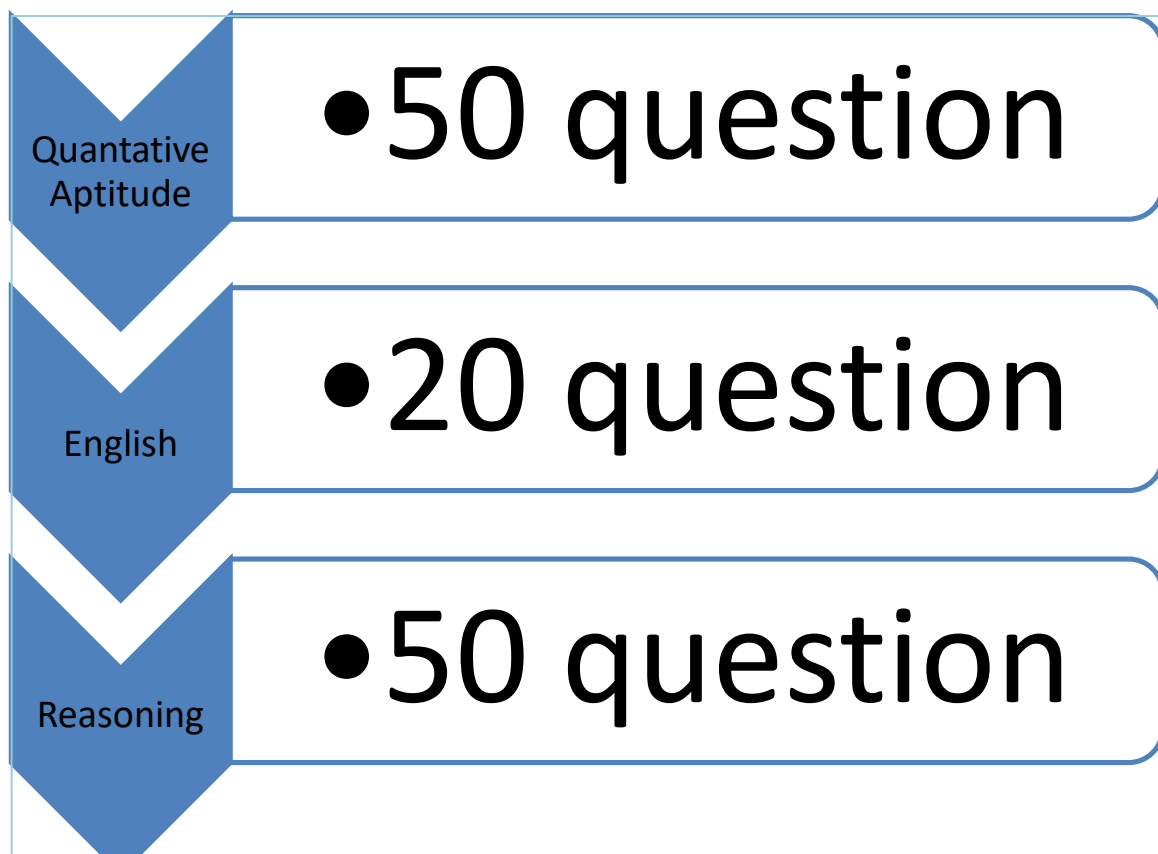
Medium - English

WHEN

- **Starting from Monday 1st March 2021.**
- **Ended on 31st May 2021.**
- **Total 13 Weeks**

What includes

- Daily 120 questions for practice.

Quantative Aptitude	• 50 question
English	• 20 question
Reasoning	• 50 question

Total = 70 days X 120 question = 8400 question

Subject – wise question separation

4 Data Interpretation (20 question)

5 Quadratioc Equation

Quantative Aptitude

10 Arithmetic questions

5 Approxiation or simplification

10 Number Series

4 puzzle (20 question)

5 coding - decoding questions

5 Alphanumeric questions

Reasoning

5 Inequality questions

5 Syllogism questions

10 Miscellaneous (Ranking / Direction / Blood Relation)
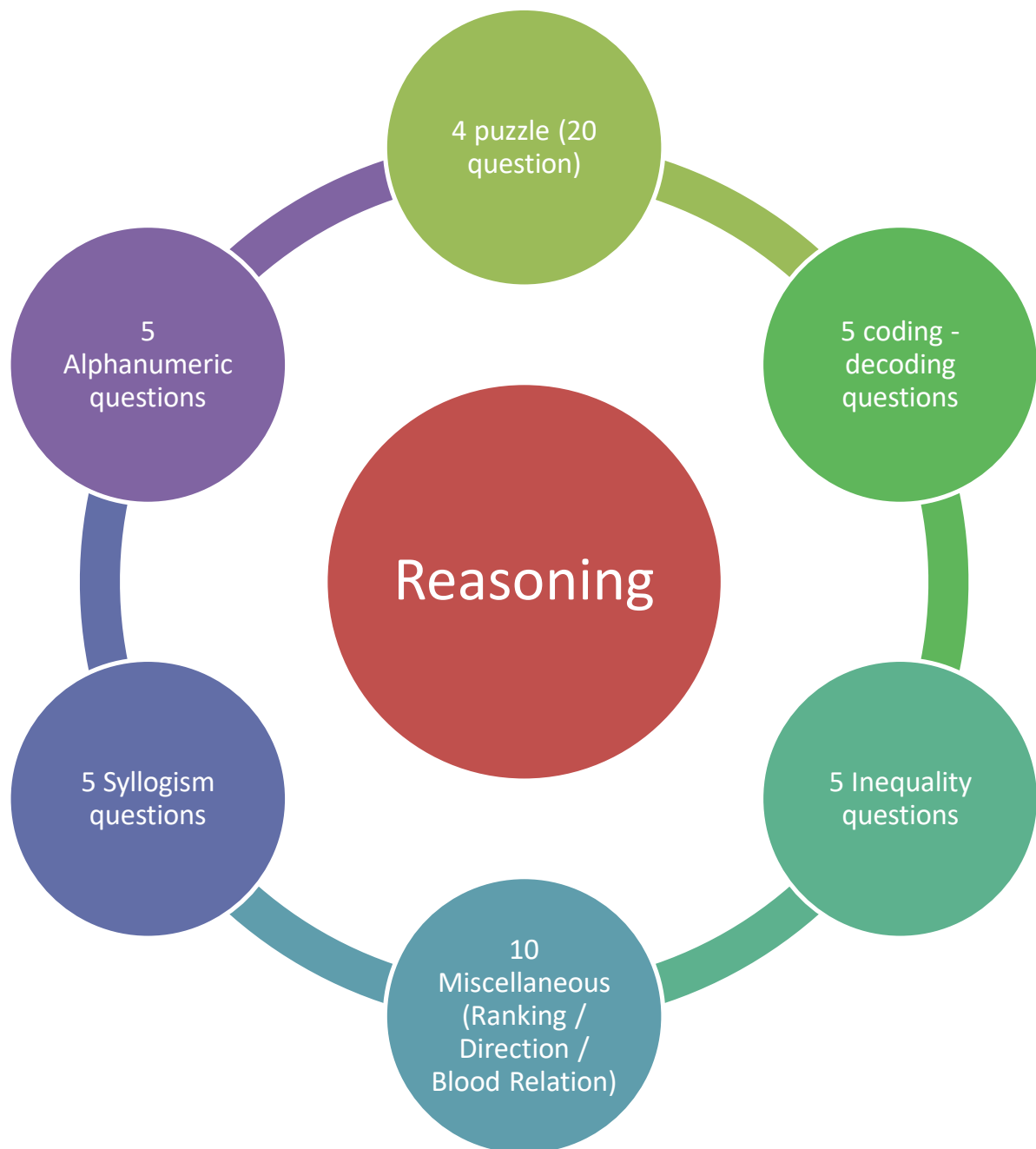
- # Total 10 Full length Mock Test
  ## Each Test includes all 3 section i.e. Reasoning, Aptitude and English.

- # Test pattern

S. No.	Subject	Question	Marks	Timing
1	Reasoning	35	35	20 Minutes
2	Numerical Aptitude	35	35	20 Minutes
3	English Language	30	30	20 Minutes

- Total Test = **10** Tests

Test Schedule

Date	Test
3 April	1st Test
4 April	2nd Test
10 April	3rd Test
11 April	4th Test
17 April	5th Test
18 April	6th Test
24 April	7th Test
25 April	8th Test
1 May	9th Test
2 May	10th Test

Why we start this initiative?

As we know that notification of SBI Clerk and LIC AAO is coming very soon. SBI Clerk and LIC AAO is a good opportunity for getting jobs into banking sector and insurance sector respectively.

As we know that competition for banking exams is increasing day by day because lot more new students joining this field due to its certainity of banking exams. If you want to clear these exam, you need to very good marks in this prelims exam. With the help of our new initiative; we will help you to get more marks in prelims exams.

Is It Paid?

Yes, It is paid.

But we try to fix minimum charges as we can for it. As it contains 70 days 120 question each day contents and 10

Prelims mock test, after that it is price only for

PRICE : ~~Rs. 200~~ (25% off)

Rs. 150 (for Now)

Definitely, it will increase after some time.

Link :- Click Here