

# REASONING MAINS GENIUS

*Mains PDF for banking  
and insurance exams*

## This Booklet Covers:

- Comprehensive reasoning questions of past years
- Detailed solutions and explanations
- Practice questions aligned with new pattern
- All miscellaneous questions based on latest past year trends
- Essential tips and tricks

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EXCLUSIVELY FOR  
SBI | IBPS | RRB | RBI  
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SIMILAR EXAMS**



**Achieve Success with Exam Genius – Your Ultimate Guide to Reasoning Mastery!**

# Table of Contents



**01**

**Month  
based  
puzzle**

**02**

**Box  
based  
puzzle**

**03**

**Box  
based  
puzzle**

**04**

**Logical  
reasoning  
question**

**05**

**Input  
output  
question**

**06**

**Miscellaneous  
question**



**1. Study the following information carefully and answer the below questions.**

Eight persons- A, B, C, D, E, F, G and H are born in different months- January, March, April, June, July, September, October and November of the same year. They are born in different cities- Chennai, Pune, Kolkata, Mumbai, Bangalore, Jaipur, Hyderabad, and Delhi. All the information is not necessarily in the same order. F is born three persons before the one who is born immediately after the one who is born in Delhi.

F is born in neither April nor January.

Only three persons are born between F and the one who is born in Chennai.

H is born three months after E, both are elder than the one who is born in Delhi.

H is not born in a month having an odd number of days.

E is born in neither March nor June.

The number of persons born before H is the same as after C.

The number of persons born between F and C is the same as between the one who is born in Delhi and B.

The one who is born in Hyderabad is born three persons before the one who is born in Pune.

B is born in Pune.

The one who is born in Bangalore is two persons before the one who is born in Mumbai.

Neither F nor C is born in Jaipur.

A is born in the month having an even number of days.

The number of persons born before A is two more than the persons born after D.

G is not born in Hyderabad. E is not born after F. C is not born in Mumbai..

**A. Who among the following person is born in Hyderabad?**

- C
- The one who is born two persons after E
- The one who is born immediately before A
- The one who is born in July
- D

**B. Four of the following are alike in a certain way. Who among the following does not belong to the group?**

- E- Bangalore
- G- Pune
- F- Kolkata
- C- Delhi
- A- Hyderabad

**C. How many persons are born between the one who is born in Jaipur and C?**

- More than four
- No one
- Four
- Three
- Two

**D. In which of the following month does D was born?**

- October
- November
- September
- April
- January

**E. Which of the following statement is true?**

- C is born in Kolkata
  - Only two persons are born between G and the one who is born on October
  - G is born in Bangalore
- Only I and III
  - Only III
  - All I, II and III
  - Only II
  - None of these

**2. Study the following information carefully and answer the below questions.**

**A certain number of boxes are placed one above the other in a stack. Each box contains different number of coins. Information about only a few boxes is known.**

**Only one box is placed between box E and box B. Three boxes are placed between box E and box C, which contains 12 coins.**

**Only one box is placed between the box which contains 11 coins and box C, which is placed above the box which contains 11 coins.**

**As many boxes placed between box B and the box which contains 11 coins is same as between box E and the box which contains 21 coins.**

**The box which contains 21 coins is placed below box E.**

**Box F is placed five places above the box which contains 21 coins.**

**Only two boxes are placed between box F and the box which contains 14 coins.**

**Not more than five boxes are placed above the box which contains 14 coins.**

**As many boxes placed above box F as below the box which contains 9 coins.**

**Only one box is placed between the box which contains 14 coins and the box which contains 9 coins.**

**The box which contains 9 coins is placed exactly between box B and box G.**

**Not more than two boxes are placed below G.**

**A. If the box Z is five places above box G, then which of the following is not true with respect to Z?**

- a. No box is placed between E and Z
- b. Box Z is placed seventh from bottom
- c. Two boxes are placed between Z and B
- d. Box Z is placed fifth from the top
- e. None of these

**B. If the box which contains 25 coins is placed immediately below box C, then what is the position of the box which contains 25 coins from the bottom?**

- a. Sixth
- b. Third
- c. Eighth
- d. Fourth
- e. None of these

**C. Which of the following statement(s) is/are not true?**

- a. Box B is placed second from the top
- b. Box E contains 14 coins
- c. Three boxes are placed between the box which contains 9 coins and C
- d. Box G is placed two places above the box which contains 21 coins
- e. All the above statements are true

**D. How many boxes are placed between box B and the box which is placed two places above F?**

- a. Four
- b. As many boxes are placed below the box which contains 11 coins
- c. As many boxes are placed between E and the box which contains 9 coins
- d. Either B or C
- e. None of these

**E. How many boxes are placed in the stack?**

- a. 12
- b. 15
- c. 11
- d. 17
- e. None of these

**Statement:**

**Start to think of travelling by train for a holiday. A train journey can give one a better view of places on the way which an air journey cannot give. You can walk around whenever you want, meet other travelers and locals, relax and watch the landscape go peacefully by. Train travel is both a beautiful and affordable way to see the country, and no trip is more scenic than the trip by trains.**

**Conclusions:**

- I. While going for a holiday, people want to enjoy the view of the places on the way.
- II. People should not travel by air when they are going for a holiday.

**3. Which of the following can be concluded from the given statement?**

- (a) Only I follows
- (b) Only II follows
- (c) Both I and II follow
- (d) None follows
- (e) Either I or II follows

**4. Study the following information carefully and answer the below questions.**

**Eight boxes of different items viz.- Maggie, Dairy Milk, Marker, Chips, Ball, Book, Biscuit, and Toy are kept one above the other in a form of a stack. Each box contains a different number of items viz.- 7, 9, 13, 14, 16, 24, 27, and 31. All the information is not necessary in the same order.**

**Note:**

The number of items in the adjacent boxes is neither a common factor nor a common multiple.

The box which contains 7 items and Marker are kept adjacent to each other.

Chips are kept four places above the box which contains 7 items.

Maggie is neither kept adjacent to Chips nor Marker.

The number of boxes kept between Dairy Milk and Chips is the same as the number of boxes kept below Maggie.

Two boxes are kept between Maggie and Dairy Milk, which contains 13 items.

Two boxes are kept between the box which contains 27 items and the box which contains Toy.

The sum of the number of Toys and Maggie is equal to the number of books.

The box which contains the ball is neither kept at the top nor contains 31 items.

The number of boxes kept between Book and Dairy Milk is the same as the number of boxes kept between Ball and the one which contains 24 items.

The number of Biscuits in the box is not 9.

The number of books item is square value of an even number

**A. How many boxes are kept between the box which contains 14 items and the Marker?**

- a. One
- b. As many boxes above the box that 31 items.
- c. As many boxes kept between the box which contains Biscuit and the one which contains 7 items.
- d. Three
- e. None of these

**B. Which of the following box contains 9 items?**

- a. The box which contains Ball.
- b. The box which is kept three places below the box which contains Dairy Milk.
- c. The box which is kept third from the bottom.
- d. The box which contains Toy.
- e. The box which contains Toy.

**C. Four of the five are related to each other in a certain way and thus form a group, find the odd one out which doesn't belong to the group?**

- a. Book – 27
- b. Ball – 7
- c. Biscuit – 31
- d. Maggie – 24
- e. Marker – 9

**D. Which of the following statement is/are true?**  
**I. Three boxes are kept between Maggie and Chips.**

**II. Ball is kept just below the box which contains 7 items.**

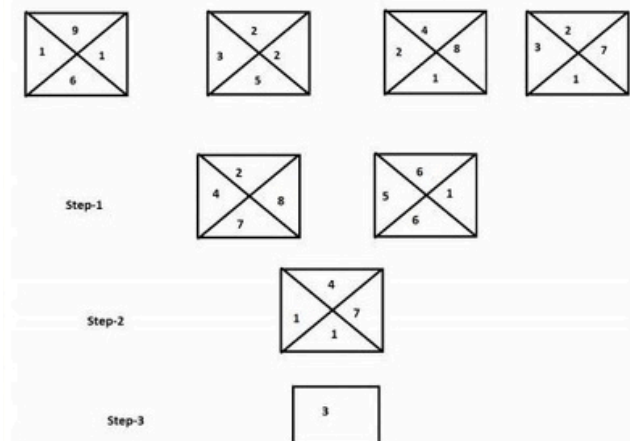
**III. Two boxes are kept above the box which contains 27 items.**

- a. Both II and III
- b. Only III
- c. Only I
- d. Both I and II
- e. None of these

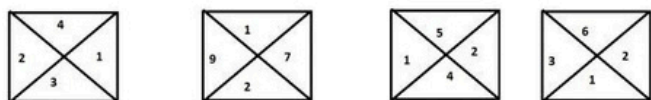
**E. What is the sum of the number of Balls, Markers, and Chips were taken together?**

- a. 63
- b. 71
- c. 65
- d. 69
- e. None of these

5. Below are input - output steps responsive mathematical operations on a set of numbers according to which you need to answer the following questions.



As per the rules followed in the steps given above , find out in each of the following questions, the appropriate steps for the given input



**A. Find the difference between sum of numbers obtained in 1st step and sum of numbers obtained in all other steps?**

- a. 25
- b. 35
- c. 20
- d. 15
- e. None of these

**B. How many elements in step 1(unique) are multiples of 3?**

- a. 3
- b. 1
- c. 2
- d. 4
- e. None of these

**C. If all the numbers in step 2 are multiplied with each other and divided by the answer obtained in step 3, and the quotient of the same is divided by the number obtained in step 3, what's the remainder?**

- a. 0
- b. 1
- c. 2
- d. 3
- e. None of these

**D. If the numbers 4 and 5 are reversed in step 2, what is the difference between the old output and new output?**

- a. 0
- b. 1
- c. 2
- d. 3
- e. None of these

**E. What is the sum of the numbers in step 2?**

- a. 17
- b. 16
- c. 14
- d. 13
- e. None of these

6. If the first letter from the first word, second letter from the second word, third letter from the third word and fourth letter from the fourth word (from the left end) are arranged to form a four letter meaningful word, then which of the following does not form a meaningful word?

- I. Patient, Doctorate, Allergy, Imagination
- II. Valuation, Majority, Hired, Forbidden
- III. Tackle, Treatable, Temptation, Excellence
- IV. Ambition, pollution, hypothecation, tremendous

- a) Only I and III
- b) Only II, III and IV
- c) Only II
- d) Only I, II and IV
- e) All I, II, III and IV

7. If “2” is subtracted from the odd digit and “1” is added to the even digits of all the numbers then all the digits are added within the numbers, then which of the following number gives the Second lowest number?

- a) 54892476
- b) 75829568
- c) 95247622
- d) 42386259
- e) 85684739

8. If all the vowels in the word “INTIMATION” are changed to their next letter in the alphabetical series and all the consonants are changed to their previous letter in the alphabetical series. In the next step, all the letters are changed to their previous letter in the alphabetical series, then how many consonants are between the fourth letter from the right end and the fifth letter from the left end in the alphabetical series?

- a) Four
- b) Six
- c) One
- d) Three
- e) Five

9. If in the given series “924762108924” odd digits are interchanging its position with immediately following digits, then find the difference between the sum of the digits in the odd position from the left end and the sum of the digits in the even position from the left end?

- a) Six
- b) Seven
- c) Nine
- d) Ten
- e) Eight

10. If all the letters of the following words are changed to the third successive letter in the alphabetical series and all the letters are arranged in alphabetical order from the right end then how many words have a consonant which is immediately followed by a vowel?

- I. ISOLATION
- II. PANDEMIC
- III. SOLITUDE
- a) Only II and III

Study the following information carefully and answer the below questions.

A family of three generations consists of nine members and two married couples. S is the only daughter of T’s brother. R is the only sister-in-law of the one who is the daughter of G. D is the only son-in-law of L, who is the maternal grandfather of K. D and U are siblings but of the opposite gender. E is the father of T, who is the sister of U. R does not have a sibling

11. If V is married to S, then how R is related to V?

- a. Sister-in-law
- b. Grandfather
- c. Uncle
- d. Mother-in-law
- e. None of these

**12. Four of the five are related to each other and thus form a group. find the odd one out?**

- a. SD
- b. TE
- c. RL
- d. UE
- e. DU

**13. Which of the following statement is/are not true?**

- I. K is the daughter of U's brother
- II. G is the mother-in-law of S's mother.
- III. L is the father-in-law of T's brother

- a. Both II and III
- b. Only III
- c. Only I
- d. Both I and II
- e. None of these

**Answer the questions based on the information given below.**

**14. Eleven persons viz. D, E, F, G, H, I, J, K, L, M and N are from the same family with three generations, but not necessarily in the same order. The number of females is one more than the number of males in the family. M is the only brother-in-law of L who is married to H. K is the mother of H whereas J is the sister of L but is unmarried. D is the wife of M and mother of F who is the cousin of N. H is the only daughter of G who is the grandfather of N. I is the wife of E who has only two children and one granddaughter.**

**Who among the following are the children of I?**

- a. L, D
- b. H, M
- c. J, L
- d. M, L
- e. None of these

**15. How is H related to M?**

- a. Brother
- b. Sister
- c. Sister-in-law
- d. Cannot be determined
- e. None of these

**Directions (16-20): In the following questions, the symbols %, &, #, \* and @ are used with the following meaning as illustrated below-**

**'P#Q' means 'P is not greater than Q'**

**'P\*Q' means 'P is neither equal to nor smaller than Q'**

**'P%Q' means 'P is not smaller than Q'**

**'P@Q' means 'P is neither smaller than nor greater than Q'**

**'P&Q' means 'P is neither greater than nor equal to Q'**

**Now in each of the following questions assuming the given statement to be true, find which of the conclusions given below them is/are definitely true and give your answer accordingly.**

- (a) If only conclusion I follows.
- (b) If only conclusion II follows.
- (c) If either conclusion I or II follows.
- (d) If neither conclusion I nor II follows.
- (e) If both conclusions I and II follow.

**16. Statements: N \* Q % R % O & P @ M**  
**Conclusions: I. N % O II. O & M**

**17. Statements: A # B \* C \* D & E**  
**Conclusions: I. A \* D II. D & B**

**18. Statements: K % J \* H % G; H \* S % T**  
**Conclusions: I. H & K II. T \* J**

**19. Statements: B # D @ F # G \* H % C**  
**Conclusions: I. B & G II. G @ B**

**20. Statements: V % W & K # L; W \* P @ M**  
**Conclusions: I. M & L II. V \* W**

1.

- A. d
- B. b
- C. e
- D. a
- E. a

Month	Person	City
January	E	Chennai
March	G	Bangalore
April	H	Jaipur
June	A	Mumbai
July	F	Hyderabad
September	C	Kolkata
October	D	Delhi
November	B	Pune

2.

- A. a We have:
- B. b Only one box is placed between box E and box B
- C. b Three boxes are placed between box E and box C, which contains 12 coins.
- D. b Only one box is placed between the box which contains 11 coins and box C, which is placed above the box which contains 11 coins.
- E. c

3. d

I is an assumption. II is a suggestion but not a conclusion. Hence, neither I nor II follows.

4.

- A. a
- B. b
- C. b
- D. b
- E. c

Case (1)	
Item	Number
Book	16
Chips	31
Biscuit	27
Dairy Milk	13
Marker	24
Toy	7
Maggie	9
Ball	14

5.

- A. d In Step 1, the corresponding elements (digits) from circle 1 and circle 4 are added and are represented in the first circle. (If it is greater than 9, then the digits are further added. Example, 11 would give us 2)
- B. d  $4 + 6 = 10 \Rightarrow 1 + 0 = 1$
- C. a  $1 + 2 = 3 \quad 3 + 1 = 4 \quad 2 + 3 = 5$
- D. c And the second circle is obtained by adding the corresponding elements from circle 2 and 3 similarly. For obtaining step 2, we subtract both the corresponding elements from both circles and take the positive value to get further elements.
- E. e  $1 - 6 = -5$  ---- taken as 5  
 $3 - 9 = -6$  ---- taken as 6  
 $6 - 4 = 2$   
 $1 - 5 = -4$  taken as 4  
 The output is obtained by adding the horizontal elements and subtracting the sum of the vertical elements from them:  $(6 + 4) - (5 + 2) = 3$

**6. Answer: C**

Patient, Doctorate, Allergy, Imagination → POLG → GLOP

Valuation, Majority, Hired, Forbidden → VARB

Tackle, Treatable, Temptation, Excellence → TRME → TERM

Ambition, Pollution, Hypothecation, Tremendous → AOPM → POMA

**7. Answer: D**

a) 54892476 → 35973557 → 44

b) 75829568 → 53937379 → 46

c) 95247622 → 73355733 → 36

d) 42386259 → 53197337 → 38

e) 85684739 → 93795517 → 46

**8. Answer: E**

Given word: I N T I M A T I O N

After the first arrangement: J M S J L B S J P M

After final arrangement: I L R I K A R I O L

Consonants between K and R → L, M, N, P, Q

**9. Answer: A**

Given number: 924762108924

After arrangement: 2 9 4 6 7 2 0 1 8 2 9 4

Sum of the digits at the odd position → 2 9 4 6 7 2 0 1 8 2 9 4 → 30

Sum of the digits at the even position → 5 9 4 6 7 2 0 1 8 2 9 4 → 24

**10. Answer: C**

ISOLATION → LVRODWLRQ → WVRRQOL → PANDEMIC → SDQGHPLF → SQPLHGFD

SOLITUDE → VROLWXGH → XWVROLHG

**11. d**

**12. e**

**13. c**

**14. c**

**15. b**

**16. (b); I. N % O (False) II. O & M (True)**

**17. (b); I. A \* D (False) II. D & B (True)**

**18. (a); I. H & K (True) II. T \* J (False)**

**19. (c); I. B & G (False) II. G @ B (False)**

**20. (a); I. M & L (True) II. V \* W (False)**

## GIVE YOUR FEEDBACK IN COMMENT SECTION

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## WEEKLY 3-DAY SCHEDULE FOR DOWNLOAD PDF

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- Thursday
- Saturday

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# END