

# REASONING MAINS GENIUS



EXAM  
Genius

SOLVE  
NOW





## INDEX

SET 01	Mains puzzle
SET 02	Mains puzzle
SET 03	Mains puzzle
SET 04	Mains puzzle
SET 05	Input output
SET 06	Critical reasoning

**DOWNLOAD REASONING MAINS GENIUS PDF ::**

<https://examgenius.in/category/pdf/reasoning/>

**Weekly 3-Day Schedule for download PDF-**

- TUESDAY
- THURSDAY
- SATURDAY

VISIT US:: <https://examgenius.in/>



““

I really appreciate the efforts in culminating such exam relevant questions and providing it for free of cost. It would be great if you start this initiative for English (mains) as well. Thank you so much for this 🌟

**Aman Kaushik**



““

Thank you so much the entire team.... Specially reasoning (for this wonderful opportunity) very useful for me... And all people (include rural area people like me)are accessing you r knowledge and also free.....I pray God give you ultimate success in your life....your s faithful aspirant...

**Aradana**

““

Thanks for this brilliant masterpiece. It is really helpful for all the banking aspirants. Your team are doing great job by providing such a masterpiece that too for free. Your team work is highly appreciated. Thanks a ton.

**Astha**



““

reasoning section to mtlb mjaa aa jata hai aslii exam IBPS SBI Po mains level yhi milta hai. GA bhi achaa pdf with revision points bahut help hota hai..maine jb s aapke channel ko jaana tbhi s foloow krt hoo. Apka Quiz on telegram wo bhi quality level ata hai. Bss si tarah MATHs , ar Eng ka pdf dena suru kr dijie. tahnks a lot. May God bless you.. Jai Mata Dii.

**Ajay**

““

Thank you @exam genius for your efforts towards our preparation, your content is best for our banking prepration journey.....👍

**Vishal**

THANK YOU GUYS FOR YOUR FEEDBACK



““

I started solving the PDFs provided by your channel this brought a sence of confidence in my preparation. The quality of each and every puzzle is really appreciable. You provides each type of puzzle moderate to high level. Moderate puzzle gives us boost and high level puzzle gives the attitude of being tolerant and try more rigorously which will help in exam time to handle pressure. Above all these puzzle series initiative is really beneficial. And other subjects such as English quiz level is also nice, computer quiz give an impetus in our preparation. GA content also really nice, the small financial terms' explanation helps in not to browse any other place which saves our time to search the things. Thanks whole exam genius team for your efforts in providing such wonderful things in one place.

**Mahima Rana**



““

First of all, thank you so much for all your efforts.. You are already doing great and i am very grateful to you for your hardwork and efforts.. Thank you so so much for providing us mains content and that too free.. It's highly appreciable..

**Deblina**

““

don't know whether it is exam relevant or not, but it is very helpful. Thank you so much for this.

**SOURABH PANCHAL**



““

Quality>>>> quantity so just stick to it and give hard sbi ibps po level questions as you provided earlier. Thanks for good work. God bless you.

**Kuldeep**

““

Your pdf is worth enough..keep it up

**Monq**

““

According to me ur content is best.

**Vatika singh**

## **SET 01**

In a multinational organization eight designations are available viz.- Director, CEO, CFO, AGM, Manager, Assistant Manager (AM), Clerk, and Stenographer. Seven persons – P, Q, R, S, T, U, and V are designated on each post. Only one person is designated on each post. One post is vacant but neither the Director nor the Stenographer post is vacant. Each person belongs to different cities viz.- Pune, Chennai, Delhi, Patna, Varanasi, Jaipur, and Mangalore. All the information is not necessary in the same order.

**Note:** Designation is in descending order such that Director is the highest designated person whereas stenographer is the lowest designated person. Any person can be terminated by his higher designated person but not immediately higher.

R is designated as an Assistant Manager. Two persons are designated between R and the one who belongs to Pune. The one who belongs to Jaipur is designated three persons junior to P. P is neither designated as CFO nor Manager. The one who belongs to Varanasi terminates P. Two persons are designated between S and T, who belong to Chennai and is not designated as Clerk. The one who belongs to Chennai is neither designated as Manager nor CFO. The one who belongs to Patna terminates V. Neither P nor U belongs to Patna. Neither Q nor the one who belongs to Mangalore is designated as CFO. U neither belongs Varanasi nor designated as CFO. R doesn't belong to Mangalore.





## SET 02

A certain number of persons are living in a building containing two flats viz. Flat A and Flat B with a certain number of floors. Flat A is to the west of Flat B. The lowermost floor is numbered as 1 and the floor immediately above it is numbered as 2 and so on. Flat A of floor 2 is immediately above flat A of floor 1 whereas flat B of floor 2 is immediately above the flat B of floor 1 and so on.

P lives three floors above A. Only one floor is between M and A. V lives immediately below P in the same flat and lives north-west flat of M. The number of floors between M and the floor which is immediately below P is the same as the number of floors between P and I. I do not live on the adjacent floor of A. I live in the same flat as A. S lives exactly in the middle of the floors of P and I and lives south-east of J. J lives immediately above I. The number of floors above T is the same as below M. Not more than four floors are there below A. Z lives on the adjacent floor of J, both are living in a different flat. The number of floors between I and S is the same as the number of floors between Z and T who lives in the same flat as J. L lives two floors above and north of T who lives north of J. The number of floors above L is the same as below H who lives south-west of M. The number of floors between H and A is the same as between S and Z. H and A live in different flats.



## **SET 03**

Nine persons namely – Shan, Mongali, Rahul, Kabir, Monty, Popat, Buntty, Shreya, and Madhu were born in three different years viz.- 1999, 1996, and 1993. Each of them was born in three different months viz.- January, April, and August. Each of them also likes different books viz.- Harry Potter, Fairy Tales, Secret Garden, Chompak, Panchtantra, Ruskin Bond, Jungle Book, Wings of Fire, and Meluha. All the information is not necessarily in the same order. The one who likes Jungle book was born in a leap year in the month having 30 days. Only two persons were born between the one who likes Jungle book and Mongali, who likes Secret Garden. The one who likes Ruskin bond was born in August but neither in the same year as the one who likes Jungle book nor in the same year as Mongali. Shan was born in one of the months having 31 days and was born three years before Madhu, who likes Ruskin bond. No person was born between Shan and the one who likes Panchtantra. As many persons born before Monty as after the one who likes Panchtantra. Monty was born in the same year as neither Madhu nor Shreya, who likes Harry potter. Only two persons were born between Shreya and Buntty, who likes neither Panchtantra nor Jungle Book. The one who likes Meluha was either born in a leap year or was born in April. Only two persons were born between Rahul and the one who likes Meluha, who was born in the same year as Popat. Kabir



was born two persons after the one who likes Champak. The one who likes Wings of Fire was not born in January.

## SET 04

Ten persons P, Q, R, S, T, U, V, W, X and Y sit in two parallel rows i.e., Row I and Row II but not necessarily in the same order. Row I is in south of Row II. Persons, who sit in row I, face towards north direction and persons, who sit in row II, face towards south direction. There are six seats in each row out of which one seat is vacant in each row. All the seats of Row I are opposite to the seats of Row II. The distance between each of the adjacent seats in the given rows is same. Each of these persons have different number of chocolates from 1 to 10.

**Note:** I. Vacant seats are neither at the extreme ends of the rows nor opposite to each other.

II. If it is given that no one/one/two persons sit to the left/right of a person, then it means there is no vacant seat to the left/right of that person.

III. If a person sits immediate left of P, then there may or may not be vacant seat between them.

One person sits to the right of V, who has perfect square number of chocolates. Q has just less chocolates than V. V's seat is 3rd to the right of Q's seat. The one, who has just less chocolates than W, sits to the left of Q. X sits opposite to V. X's seat is immediate left of S's seat. S has the least number of chocolates.

VISIT US:: <https://examgenius.in/>



There are only two seats between W's seat and T's seat. T faces same direction as Q. W sits adjacent to one of the vacant seats. W sits opposite to U, who has thrice the chocolates as X. Sum of the chocolates of P and the one, who sits opposite to P, is 16. R and Y sit neither in the same row nor opposite to each other. P doesn't sit opposite to T. W has less chocolates than T. Sum of the chocolates with the persons, who sit in row I is more than that of row II.





## ANSWER

### SET 01

Designation	Name	City
Director	Q	Varanasi
Ceo	U	Pune
Cfo		
Agm	P	Mangalore
Manager	S	Patna
Am	R	Delhi
Clerk	V	Jaipur
Stenographer	T	Chennai

### SET 02

	FLAT A	FLAT B
18	L	
17		
16	T	
15		
14		Z
13	J	
12		I
11		
10		S
09		
08	P	
07	V	
06		
05		A
04		
03		M
02		
01	H	

## SET 03

Year	Month	Name	Book
1993	JAN	Bunty	Fairy Tales
	APR	Mongali	Secret Garden
	AUG	Monty	Wings of Fire
1996	JAN	Shreya	Harry Potter
	APR	Rahul	Jungle Book
	AUG	Shan	Champak
1999	JAN	Popat	Panchtantra
	APR	Kabir	Meluha
	AUG	Madhu	Ruskin Bond

## SET 04

ROW II	P(9)	Vacant	U(6)	S(1)	X(2)	R/Y(5)
ROW I	Y/R(7)	Q(3)	W(8)	Vacant	V(4)	T(10)



**SET 05** (INPUT OUTPUT)

**Input: guidance 487169 spectrum 857452 confutative 391630  
operation 542138 patience 279635**

**Step 1: e@ph#v%v&x\* 695372 guidance 487169 spectrum 857452  
391630 operation 542138 patience**

**Step 2: i#&f%pe\* e@ph#v%v&x\* 695372 610393 487169 spectrum  
857452 operation 542138 patience**

**Step 3: @r\*t%v&@p i#&f%pe\* e@ph#v%v&x\* 695372 610393 179684  
spectrum 857452 542138 patience**

**Step 4: r%v&\*pe\* @r\*t%v&@p i#&f%pe\* e@ph#v%v&x\* 695372  
610393 179684 128345 spectrum 857452**

**Step 5: ur\*evt#o r%v&\*pe\* @r\*t%v&@p i#&f%pe\* e@ph#v%v&x\*  
695372 610393 179684 128345 472558**

**Step 6: \$\*\$#\$60 %&\*\$\*56 @\*%&@76 \$#&%\$\*22 \$@#%&\*92 52 35 43  
25 41**

**Step 7: 216 1331 2197 64 1331 343 512 343 343 125**

**Step 7 is the final step.**

**Find the appropriate steps for the following input:**

**Input: discourse 685941 negotiate 175394 universal 941762 beautiful  
782063 violation 245109**



**1. Which of the following element is seventh from the left end in Step 5?**

- (a) i#&f%pe\*
- (b) universal
- (c) 159042
- (d) 39
- (e) f&ue@#tu\*

**2. In which step does the term "685941 negotiate universal" appear in the same order?**

- i) Step 2
  - ii) Step 4
  - iii) Step 1
  - iv) Step 3
- (a) Only i and ii
  - (b) Only i, ii and iii
  - (c) Only iii and iv
  - (d) Only i and iii
  - (e) All of them

**3. The word 'violation' is converted into \_\_\_\_\_ in step 6.**

- (a) &@%&@76
- (b) #p&x\*tu%n
- (c) 52
- (d) #&\*\$t
- (e) 216





**4. What is the difference between the element which is 3rd from the left end and 2nd from the right end in the final step?**

- (a) 397
- (b) 500
- (c) 1245
- (d) 296
- (e) 784

### **SET 06** (CRITICAL REASONING)

**Directions (1-5): Study the following information carefully and answer the question given below:**

The most obvious way to encourage energy efficiency, reduce automobile pollution and cut subsidies is to reduce the subsidy on diesel, particularly when the owners of luxury cars and SUVs are becoming unintended beneficiaries of the subsidy. The other obvious way is to subsidise – not just charge lower excise duties – the sale of buses. There can be other innovative ways of serving the same goal. Attractive prizes can be announced for the design of more energy-efficient, robust and comfortable passenger three-wheelers which are an important mode of public transport on rural roads as well as narrow city lanes.

**1) Which of the following is an assumption which is implicit in the facts stated in the above paragraph?**

**A. There is a desire for promoting energy efficiency and cutting pollution level**



- B. Energy efficient automobiles are not available in the market
- C. Government wants to replace cars with energy-efficient three-wheelers
- D. Rural roads need to be refurbished
- E. None of these

**2) Men are now being advised to slow down amid growing concern that high-pressure living, exciting though it might seem, is a silent killer, and is one of the reasons for the low life expectancy among men, compared to women. Ironically, however, just when men are being told to take it easy, more and more career driven women are fast acquiring some of the same "killer" habits and in the process losing the edge they have had over men in the "longevity" stakes. The conclusion drawn above is based on the assumption that:**

- A. The sole culprit behind the life-expectancy gender gap between men and women is highpressure living
- B. Although women continue to outlive men, the life-expectancy gender gap has narrowed significantly in recent years
- C. Long business hours, energy-sapping "bonding" sessions, non-stop "power" partying, hard drinking and heavy smoking, are the silent killer habits that have now been taken on rampantly by women
- D. Women are not being advised the slow-down that men are being advised
- E. There is a rising trend of career-driven women to take on the high pressure life style





**3) Study the following information carefully and answer the given questions:**

**Statement:** Leibniz, the seventeenth-century philosopher, published his version of calculus before Newton did. But then Newton revealed his private notebooks, which showed he had been using these ideas for at least a decade before Leibniz's publication. Newton also claimed that he had disclosed these ideas to Leibniz in a letter shortly before Leibniz's publication. Yet close examination of the letter shows that Newton's few cryptic remarks did not reveal anything important about calculus. Thus, Leibniz and Newton each independently discovered calculus.

**Which one of the following is an assumption required by the historian's argument in the given statement?**

- A. Leibniz did not tell anyone about calculus prior to publishing his version of it.**
- B. No third person independently discovered calculus prior to Newton and Leibniz.**
- C. Newton believed that Leibniz was able to learn something important about calculus from his letter to him**
- D. Neither Newton nor Leibniz knew that the other had developed a version of calculus prior to Leibniz's publication**
- E. Neither Newton nor Leibniz learned crucial details about calculus from some third source**



4) Statement: Adults should be careful about consuming alcohol in front of children. Children have an impressionable mind and will grow up thinking that consuming alcohol is healthy. Alcohol has known negative health effects and to protect the health and wellbeing of children, adults drinking in front of children should be penalized.

**Which of the following assumptions, if true, weakens the given statement ?**

- A. Alcohol consumption is harmful, but you cannot stop adults from drinking.
- B. It is not practical to stop adults from drinking in front of children. This means that parents have to go outside the house to drink.
- C. Adults and parents should be educated about their duties.
- D. The act of adults drinking in front of children may be wrong, but they cannot be penalized as this will infringe on their freedom.
- E. none of the above

5) Statement: Literature has witnessed the roles of women evolving through ages, but until recent times, most of the published writers were men and the portrayal of women in literature was without doubt biased. A lot of it has to be blamed on the fact that in the ancient world, literacy was strictly limited, and the majority of those who could write were male. Because most references to women characters in Shekhar's plays are derogatory, it has been argued that Shekhar did not like women.





**Which of the following assumptions is the strongest objection to the statement above?**

- A. Characters in play by Shekhar's contemporaries make laudatory references to women**
- B. There is no record of Shekhar's having owned a dog.**
- C. Character in a play says need not reflect the author's own feelings.**
- D. The characters making the derogatory references are the minor ones.**
- E. none of these**



**ANSWER****SET 05**

1. Answer: (C)

2. Answer: (a)

3. Answer: (d)

4. Answer: (e)

**EXPLANATION:**

**WORDS**—arranged in alphabetical order as per english dectionary

Beautiful/Discourse/Negotiate/Universal/Violation

Consonant are replaced to the 2<sup>nd</sup> following letter

Vowels are denoted as a,e,l,o,u % \* & @ # respectively

Ex:Beautiful=d\*%#v&h#n similarly this step is continue till 5<sup>th</sup> step

**NUMBERS---** arranged in increasing order

175394/245109/685941/782063/941762

The 3<sup>rd</sup> and 4<sup>th</sup> digit of the number are interchanged and written first then the 5th and 6th digit of the number is interchanged and written after that. also, after that 1st and 2nd digit is interchanged and then written after that. '175394' is changed to '354971' similarly this step is continue till 5<sup>th</sup> step

Step 6:: For words - The vowels are replaced with '\$' and position values of added all the consonants are and written after that. 'x&@n%v&@p' changes to '&@%&@76'



**For numbers -**

**If the digit of the number is odd then double it and if the digit**

**Is even then half the digit and then add all the digits**

**Step 7:all the symbols get dropped & numbers are the cube of the addition of the digits of the numbers**

**Input: discourse 685941 negotiate 175394 universal 941762 beautiful 782063 violation 245109**

**Step 1: d\*%#v&h#n 354971 discourse 685941 negotiate universal 941762 782063 violation 245109**

**Step 2: f&ue@#tu\* d\*%#v&h#n 354971 159042 685941 negotiate universal 941762 782063 violation**

**Step 3: p\*i@v&%v\* f&ue@#tu\* d\*%#v&h#n 354971 159042 951486**

**Step 4: #p&x\*tu%n p\*i@v&%v\* f&ue@#tu\* d\*%#v&h#n 354971 159042 951486 023687 941762 violation universal 941762 782063 violation**

**Step 5: x&@n%v&@p #p&x\*tu%n p\*i@v&%v\* f&ue@#tu\* d\*%#v&h#n 354971 159042 951486 023687 712649**

**Step 6: &@%&@76 #&\*\$t \*\$@&%\*60 &\$\$@#\$\*26 \*%#&# 48 52 33 39 28 40**

**Step 7: 2197 1331 216 512 1728 343 216 1728 1000 64**





**SET 06****1) Answer: A**

The best approach here is working backwards from the options!

(b) → If we suppose that energy efficient automobiles are not available in the market, what is the use of giving subsidies, prices etc for something that does not even exist? So, (b) is ruled out

(c) → Even if we suppose that the government wants to replace the cars, it will be a part of a bigger aim under which it will be done. Also, the paragraph talks about sale of buses so this eliminates (c) as well

(d) → Can't make a direct relation with what is being talked about so eliminated

(a) → When we suppose that the government is willing to promote energy-efficiency and cut pollution, we can easily relate the steps being given in the paragraph as a part of the government's execution plan. So, this stands to be the best assumption.

**2) Answer: A**

Option (b) puts forth additional information, which may or may not be true. This renders it unsound as an assumption behind the passage.

Option (c) again, though carries possibly relevant information, cannot be safely selected as an assumption. Option (d) would be far fetched vis-à-vis option (a) which gives the clear assumption behind the passage. Thus option (a) is the answer.



### 3) Answer: E

**Answer choice (E):** This is the correct answer. The answer can be difficult because it is somewhat similar to answer choice (B), which many people already eliminated by the time they reached this answer. Answer (E) is different from answer (B) because it involves learning details from a third source. This is important because the conclusion references the independent discovery of calculus, and so the author must believe that neither Newton nor Leibniz learned anything substantial about calculus from other sources. This elimination of an idea that weakens the argument is the essence of a Defender answer choice. To further confirm the answer, consider the negation of this answer choice (“neither...nor” becomes “either...or”): “Either Newton or Leibniz learned crucial details about calculus from some third source.” This negated answer undermines the assertion that Leibniz and Newton each independently discovered calculus.

Consequently, this is the correct answer

### 4) Answer: D

a, b and c do not address the statement and do not weaken it. D weakens it.

### 5) Answer: C

Character in a play says need not reflect the author’s own feelings. This is the exact assumption for the given statement.



***GIVE YOUR FEEDBACK IN COMMENT SECTION***

**DOWNLOAD REASONING MAINS GENIUS PDF ::**

**<https://examgenius.in/category/pdf/reasoning/>**

**Weekly 3-Day Schedule for download PDF-**

- TUESDAY
- THURSDAY
- SATURDAY

