

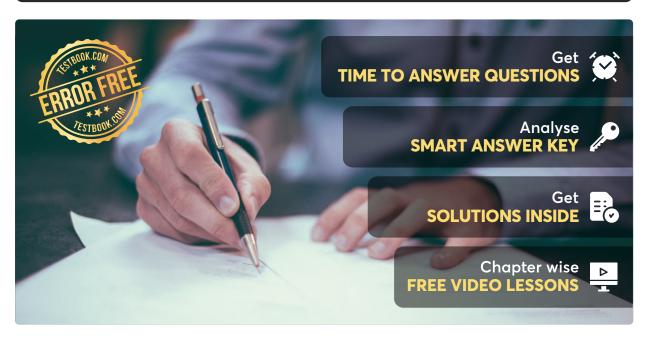


4 Smart Question Bank

Difficulty Level & Chapter Wise Questions

BANKING

Reasoning Ability in English



Introduction

"Change is the Only Constant" - Heraclitus, Greek Philosopher

Are you a Banking aspirant who is confused with which questions to practice and from where to practice? Aspirants often face a lot of trouble in selecting the right question bank to practice for the exam. Therefore, to ease out the candidate's preparation journey we have launched the SmartBook, which is a Next-Generation Smart Question Bank. This Smart Question Bank is a new way of learning, different from the conventional style of practicing questions.

This SmartBook contains the Best 4000 Questions selected from a pool of more than 1 Lakh questions. Question selection and its bifurcation across 3 different difficulty levels are based on the user's attempt & performance data on each question. Testbook's Data Science Team has extracted and processed tons of data points like the speed of answering, maximum time taken to answer, accuracy trend on each question, toppers & average student's performances, etc. from the students' responses on each question. They have then drawn amazing comparative insights for you.

Why Smart Question Bank?

The candidates will learn to emphasize key details related to problem-solving with the help of this Smart Question Bank. Testbook has designed Smart Question Bank to reform the approach of question-solving. The salient features of this SmartBook are as follows:

- » Best 4000 questions included in this SmartBook have been shortlisted on the basis of performance data of students studying on Testbook's online platform.
- » Machine Learning technology has been used to calculate the difficulty level and ideal Time To Answer (TTA) the questions.
- » Smart Answer Key is provided to analyze the comparative performance data at each question.
- » Free chapter-wise Video Lessons are provided to revise the concepts & tricks before starting the practice which can be accessed by scanning the QR code.

After Solving Questions Check the Smart Answer Key to:

- Check question-wise difficulty level and percentage of students who attempted it correctly or skipped it.
- See the detailed & comprehensive solutions of all questions at the end of every chapter.

How to Use This SmartBook?

I. Who among ollowing defeated the Mughals in the Battle of Karnal?

TTA: 26 Seconds

) Ahmed Sh^{odali}

scindia

B) Nadir Shah

D) Peshwa Balaji

TTA: Ideal 'Time To Answer' this question

Smart Answer Key

Correct% - Indicates percentage of students who answered the Question Correctly

Skipped% - Indicates percentage of students who Skipped the Question

Skipped Skip	Q.	Skippect	Q.	Ans.	Correct															
1. B 22% 46. B 23% 76. B 20% B 06% 63% 31. B 22% 46. B 34% B 23% 76. B 20% B 06% 62. B 54% 77. C 31% 92. C 40%	G.	1	G.	Alls.	Skipped	G.	Alis.	Skipped	G.	Alls.	Skipped									
89% 63% 22% 34% 23% 20% 06% 20% 06% 20% 20% 06% 20% 20% 06% 20% 20% 20% 20% 20% 20% 20% 20% 20% 20		03%		ь	26%	24	ь	71%	.,	ь	29%		В	28%	7/	Ь	62%		В	80%
2. 17. A 32. A 47. D 62. B 77. C 92. C	1	89%		ь	63%	31.		22%	46.	_ B	34%		ь	23%	76.	В	20%		ь	06%
			17	^	77%	22	_	50%	47	D	55%	62	B	54%	77		31%	92		40%
	2.	20%	17.	^	19%	32.		40%	47.		39%	02.		35%	//.		54%	72.	C	63%

Skipped: 89% of students visited but did not attempt Q1

Correct: 3% of students answered Q1 correctly

Free Video Lessons

The aspirants can access video lessons along with PDF notes, and practice questions for each chapter in this SmartBook. This can be done by scanning a QR code given at the beginning of each chapter.



Level 1 Questions: This level comprises questions from basic fundamental concepts. The students should start with level 1. The questions included in this level shall be based on the direct use of concepts, basic formulae, etc. These types of questions can be solved quickly and shall be helpful for exams like **Bank Clerk/PO Prelims, Office Assistant, and Cooperative Banks.**

Level 2 Questions: This level includes questions with moderate difficulty levels. These questions shall consist of the applied nature of various topics. The expertise in these types of questions will help candidates in exams like **Bank Clerk/SO Mains, Officer Scale I, Insurance, Grade B exams and Grade A Preliminary exams.**

Level 3 Questions: These questions are difficult both in terms of concept as well as higher-order thinking. This level of questions is useful for exams like **SBI PO Mains, IBPS PO Mains, LIC AAO, Grade A Officer, and Officer Scale 1 Mains Exam** in order to enhance your skills in solving difficult and time-consuming questions.

Expert's Curated Reasoning Ability Preparation Tips for Banking Questions

If you aim to get recruited in any Public Bank then you must be knowing that cracking the recruitment exam is the only way to get there. Among lakhs of students who appear every year for the banking exams, only a handful qualify. An aspirant should focus on the complete syllabus of all the sections to ace this examination. Major posts for which these banks conduct recruitment exams are

- 1. Bank PO (Probationary Officer)
- 2. Bank Clerk
- 3. Bank SO (Specialist Officer)

These exams mainly comprise 3 major subjects i.e. Reasoning Ability, English and Quantitative Aptitude. The Reasoning section is one of the most tricky sections in banking examinations. The major topics from the Reasoning section are Puzzles and Seating Arrangement, Syllogism, Blood Relations, Direction Sense, Inequalities, Input-Output, etc. The below points decode the Reasoning Ability Section of different prestigious Banking examinations.

Exam Difficulty Level 1

Bank Clerk/PO Prelims, Office Assistant, and Cooperative Banks

Let's have a look at the experts' preparation tips for level 1 banking questions. Certain questions in exams like IBPS Clerk prelims, SBI Clerk prelims, etc. follow the metric level pattern of questions. Most of the questions asked in these kinds of exams are easy and can be attempted with the prior knowledge of reasoning that you have acquired in your school time.

- » Logical thinking plays an important role in solving the questions of Reasoning. Practice basic questions of Reasoning from some of the most important topics such as inequalities, direction sense, etc. These questions build a strong foundation on which the other questions are based.
- » Try solving Puzzles and understand the logic behind the problem. Direction Test is another important topic, you will be using the knowledge of how the North, South, East, and West directions are represented on paper, you won't be able to derive the correct answer.

Exam Difficulty Level 2

Bank Clerk/SO Mains, Officer Scale I, Insurance, Grade B exams & Grade A Preliminary exams

Compared to the level 1 questions, the difficulty level of questions in such exams is moderate and the application part of the concept is more prominent in this section. Some tips for level 2 difficulty questions are mentioned below.

- » The logic becomes more deep and wide for these types of questions. For example, if you were playing with Circular Seating Arrangement at the metric level, here questions of Circular Seating Arrangement with people facing inside as well as outside might appear in the exam.
- » The logic used in questions like coding and decoding will be a bit more complicated to crack.
- » While solving questions from this level, if you feel that you are taking more time than usual, there might be chances you have not covered all your basics. In this case, you need to go back to level 1 questions and try solving questions from there and then come back to this level.

Exam Difficulty Level 3

SBI PO Mains, IBPS PO Mains, LIC AAO, Grade A Officer, and Officer Scale 1 Mains Exam

This level of questions of Reasoning Ability are comparatively tough to solve but not impossible. Candidates who are appearing in the mains exams of SBI PO, IBPS RRB Officer Scale 1, etc. Few tips that might be of great help for you are as follows.

- » At this level, the examiner tests not only your concepts but your time management in a strict manner. What you can do here is to think out of the box so that you can find out the answer to the question in the least possible time and that too accurately.
- Considering the example of the seating arrangement question again, in this level of » difficulty they shall provide a Circular Seating Arrangement with people facing inside as well as outside with additional attributes associated like date of births, favorite book, etc.
- Practicing a variety of questions as mentioned in the book becomes essential in this * level of reasoning questions because multiple approaches are used in one single question and it is good to know as much as you can.

Expert Curated Preparation Tips & Tricks for Reasoning Ability

Aspirants need not worry as the below points have complete details on how to prepare for the Reasoning Ability for various upcoming banking examinations by explaining the guidance on how to proceed with it. Let us have a look at some of the key points given below to follow.

Learn the Fundamentals

- » The candidates must be thorough with the fundamental concepts. There are ample topics in the reasoning section which act as low-hanging fruits in the exam. With a thorough understanding of the basics, the candidates can ensure scoring enough marks for them in the exam.
- » The second important thing is the ability to comprehend the question and understand what the examiner intends to ask. This ability itself shall help the candidates tackle the question.

Master the Basic Calculations then Switch to Advanced Level

- » The candidates must start practicing easier questions first. Such easy questions will help them clear your basics. Thereafter a gradual increase in the difficulty level of practice questions is the right approach of preparation.
- » Once all the fundamentals are mastered, the candidates can approach the questions which are actually asked in the exam. The candidates who shall go on to practice even the slightly harder questions shall have an edge as they shall find the questions much easier on the day of the actual examination.

Attempt Mock Tests

- » In the final stage of preparation, candidates must try to appear for as many mock tests as possible. The aspirants can download the Testbook App to find a plethora of mock tests, sectional tests, previous year papers, etc.
- » Attempting the mock tests will allow you to identify your strengths and weaknesses.
- » The candidates shall also be able to plan a suitable strategy that shall also help them on the day of the exam.

Important Topics To Cover in Reasoning for Banking Exams

The topics covered in the Reasoning Ability section are explained further which are asked in most of the banking examinations. The most important topics in this exam can be easily figured out as the trend for the examinations remains predictable every year.

Moreover, some analysis on the previous year's papers of different banking exams gives us an idea that every year questions from Puzzles & Seating Arrangement, Syllogisms, Coding-Decoding, etc. are asked regularly and hold the maximum weightage in the banking examinations.

Puzzles & Seating Arrangement

- The seating arrangement questions involve arranging persons or objects in accordance with the given set of conditions and the parameters associated with them. Conditions could include the pattern of seating i.e. circular table, linear rows, floor-based, etc.
- » Puzzles are a set of raw information which are presented in a jumbled format. These pieces of information should be used to obtain a systematic sequence of data based on the conditions provided.
- » These types of questions are time-consuming. However, the most important aspect regarding these types of questions is that upon finding the solution, 4 to 5 questions can be answered in a go as they form a set. Hence a great hold on such types of questions
- » The basic idea of including such questions in the banking exams is to check the candidate's ability to process and handle various random pieces of information in large numbers at the same time.

Syllogism

- » Syllogism involves drawing inferences and conclusions based on propositions or premises.
- » The questions involve a set of provided statements. The statements are followed by conclusions. Based on these statements the candidates have to decide which of the given conclusions hold true.
- » Upon clear understanding of the concepts and fundamentals, such types of questions can be easily tackled within less time.

Coding-Decoding

- » The basic idea behind these questions is to judge the candidate's ability to decipher unconventional patterns or rules.
- » These questions involve encrypting and decrypting words, letters, sentences, etc. on the basis of the given set of rules. These are the quintessential Reasoning Ability questions wherein extensive use of logic is required.
- » In order to tackle such questions, the candidates must be thorough with the order of alphabets both in a forward and backward manner, knowing their positional value, etc.

Direction & Distance

- » This question involves the calculation of distance covered, the final position reached, etc
- » At times such questions are also asked in a group i.e. after solving the question, the candidates shall be in a position to answer 4 to 5 questions at a time.

» In order to master such questions, that candidates are required to have an excellent understanding of main directions (i.e. North, East, West & South) and sub directions i.e. South-west, North-east, etc. The knowledge of the Pythagoras theorem is also required in order to calculate distance.

Miscellaneous

- » Miscellaneous questions in the Reasoning Ability section include questions on inequalities, coded inequalities, blood relations, etc.
- » The difficulty level of such questions is moderate and they also demand a crucial understanding of the fundamental concepts.
- The number of questions asked from such topics usually varies and do not remain constant.

Smart Tips for Reasoning Ability of Banking Exams

The aspirants can find various smart preparation strategies given further which can help them to ace the Reasoning Ability section of various upcoming Banking exams.

- » Most of the banking examinations have sectional timings, i.e. you will be required to solve the reasoning section in the stipulated time. Therefore, maintaining speed without compromising on accuracy becomes crucial. Testbook offers various mock tests which will help the candidates hitting the right combination of speed & accuracy.
- » Segregate your strong and weak zones. Candidates can find umpteen books that could suggest easy and difficult topics. However, it varies as per an individual's intellect. Hence, candidates must practice enough to find their strong and weak areas.
- » The candidates can check various courses offered by Testbook for the preparation of various banking examinations. Our experts in different subjects will help you understand all the topics and will guide you right from the foundation level to the advanced.

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FREE CHAPTER

Arrangement and Pattern

LEVEL 1 1 - 25 Questions

1. Direction: Study the information given below carefully and answer the questions that follow. How many pairs of letters are there in the word "VASELINE" that have the same number of letters between them in the word (in both forward and backward directions), as they have in the English alphabetical series?

TTA: 22 Seconds

A) One B) Three C) Five D) Four

E) Six

2. If the positions of the first and second letters of the word DESPERATELY are interchanged; similarly the positions of the third and fourth letters are interchanged and so on, then which of the following letters will be 8th from the left end after arrangement?

TTA: 27 Seconds

A) R B) S C) E D) T

E) A

3. If each of the alphabets of the word 'FRACTION' is arranged in alphabetical order from left to right and then each vowel in the new arrangement is changed to the next letter in the English alphabetical series and each consonant is changed to the previous letter in the English alphabetical series, which of the following will be fifth from the left?

TTA: 26 Seconds

A) M B) J C) S D) N

E) E

4. Directions: This question is based on the following arrangement. Study it carefully and answer the question that follows.

T 6 # I J I % L E 3 J K 9 @ A H 7 B © D 2 U \$ R 4 * 8 If all vowels are removed from the above arrangement which element will be sixth to the right of fourth element form the left?

TTA: 28 Seconds

A) 9 B) K C) 3 D) @

E) None of these

5. How many such pairs of letters are there in the word 'BALANCING', each of which has as many letters between them in the word (both forward and backward direction) as they have between them in the English Alphabet?

TTA: 56 Seconds

A) One B) Two C) Three D) Four

E) More than four

6. How many such pairs of letters are there in the word "AUTONOMOUS" each of which has as many letters between them in the word (in both forward and backward directions), as they have between them in the English alphabetical series?

TTA: 44 Seconds

A) Four B) Three C) Two D) Seven

E) Five

7. How many such pairs of letters are there in the word 'CATEGORY', each of which has as many letters between them in the word (both forward and backward direction) as they have between them in the English Alphabet?

TTA: 48 Seconds

A) None B) One C) Two D) Three

E) More than three

8. How many such pairs of letters are there in the word 'PROSECUTE', each of which has as many letters between them in the word (both forward and backward direction) as they have between them in the English Alphabet?

TTA: 45 Seconds

A) None B) One C) Two D) Three

E) More than three

9. If in the word 'ABSTEMIOUS', all the letters are arranged in the reverse alphabetical order (i.e. Z-A) and then all the vowels are changed to the previous letter and all the consonants are increased by 2, then, after the final arrangement, which of the following letters would be the eighth from the left end?

TTA: 58 Seconds

A) D B) H C) O D) S

E) U

10. If it is possible to make only one meaningful English word with the 3rd, 6th, 7th, 9th and 12th letters of the word DIGITALISATION, which of the following will be the last letter of that word? If no such word can be made give 'Y' as the answer and if more than one such word can be made give 'Z' as the answer.

TTA: 37 Seconds

A) L B) A C) S D) Z

E) Y

11. In a word "MODELLING", if all letters are arranged in the alphabetical order, and then the vowels are changed to the previous letter and the consonants are changed to the next letter as per the English alphabetical series, then how many letters do not repeat more than once?

TTA: 38 Seconds

A) Three B) Four C) None D) One

E) Five

12. Each vowel in the word CONQUER is replaced by the previous letter in the English alphabet. Each consonant is replaced by the next letter in the English alphabet. The letters so obtained are arranged alphabetically. Which of the following will be the fourth letter from the left end? TTA: 44 Seconds

A) O	B) N		thus formed is changed to the next
C) R	D) S		habetical series and each consonant
E) None of these			ous letter in the English alphabetical
42 (6:4::: - - 4			owing will be third from the left?
	ske only one 4 letters meaningful	TTA : 43 Seconds	
	of the letter with the First, third,	A) A	В) Т
seventh and the eleven		C) J	D) F
	would be the second letter of the	E) E	·
word? If more than one	such word can be formed, give X as		
the answer. If no such w	ord can be formed, give K as your	20. How many such pai	rs of digits are there in the number
answer.		'9113583', each of which	ı has as many digits between them ir
TTA: 46 Seconds		the number (both in for	ward and backward direction) as
A) T	B) R	they have between the	m in the Numeric Series?
C) O	D) K	TTA: 38 Seconds	
	D/ K	A) None	B) One
E) X		C) Two	D) Three
14. If it is possible to mo	ake only one meaningful English	•	D) Tillee
	he fourth, the seventh and the	E) More than three	
	rd OBSOLETE, which of the following	21. How many such pair	rs of letters are there in the word
	f that word? If no such word can be		which has as many letters between
	swer and if more than one such word		th forward and backward directions)
		· · · · · · · · · · · · · · · · · · ·	hem in the English alphabetical
can be made give 'Y' as TTA: 33 Seconds	s the driswer.		nem in the English diphabetical
	D/ D	series?	
A) N	B) D	TTA: 57 Seconds	D) T
C) S	D) X	A) One	B) Two
E) Y		C) None	D) Three
1E Hayy many ayah nai	es of digits are there in the number	E) More than three	
	rs of digits are there in the number		
	ch has as many digits between them		
•	ward and backward direction) as		ng q <mark>ue</mark> stions are based on five
	m in the Numeric Series?	words given below.	
TTA: 47 Seconds		MUL TAB NUR OTN G	
A) 1	B) 2	22. How many letters a	re there in the alphabetical series
C) 5	D) 4	between the first letter	of the word which is second from the
E) 3		left and the third letter	of the word which is second from the
•		right of the given word?	
	rs of letters are there in the word	TTA: 118 Seconds	
CORPORAL each of wh	nich has as many letters between	A) One	B) Two
them in the word (in bo	th forward and backward directions),	C) Three	D) Four
as they have between t	hem in the English alphabetical	•	D) I Odi
series?		E) Five	
TTA: 46 Seconds		23. If the first alphabet	in each of the word is changed to
A) One	B) Two		e English alphabetical order, how
C) None	D) Three		vowels (same or different vowels)
•	D) Tillee	will be formed?	o vowers (same or amerem vowers)
E) More than three		TTA: 33 Seconds	
17. How many such pair	s of letters are there in the word		D\ Ture
	ich has as many letters between	A) One	B) Two
	forward and backward direction) as	C) Three	D) More than three
	m in the English Alphabet?	E) None	
TTA : 49 Seconds	If if the English Alphabet:	24 If the given words a	ro arranged in order as they would
A) None	Pl One	_	re arranged in order as they would
•	B) One		from left to right, which of the
C) Two	D) Three	following will be in the	middle?
E) More than three		TTA: 22 Seconds	
19 How many such pair	rs of letter are there in the word	A) TAB	B) MUL
		C) NUR	D) OTN
	h has as many letters between them	E) GIB	·
,	ward and backward directions) as		
they have between the	m in the English alphabetical series?	25. If the positions of fire	st and last alphabets of each word
TTA: 50 Seconds		are interchanged, how	many meaningful words are formed?
A) Three	B) Four	TTA: 36 Seconds	-
C) None	D) Less than three	A) None	B) One
E) More than Four	,	C) Two	D) Three
•		E) More than three	5,55
·	the word "SWITZERLAND" is	L) More trian three	
arranged in alphabetic	al order from left to right and then		

LEVEL 2 26 - 149 Questions

Directions: Study the following arrangement carefully and answer the questions given below:

4 S H B H @ 6 K Φ E S 9 U ~ A E 2 R & A V R 4 U * 7 C 3

ψUΗ

26. Which of the following is exactly in the middle between the tenth from the left end and the eighth from the right end in the above arrangement?

TTA: 52 Seconds

A) R B) 2 C) V D) &

E) E

27. Which of the following is the fifth to the left of the tenth from the right end of the above arrangement?

TTA: 44 Seconds

A) I B) E C) F D) 2

E) R

28. How many such symbols are there in the above arrangement, each of which is immediately preceded by a vowel and immediately followed by a number?

TTA: 23 Seconds

A) Three B) More than three C) One D) None of the above

E) Two

29. How many consonants are there between B and the fifth vowel, such that they are immediately preceded by a number and immediately followed by a symbol?

TTA: 33 Seconds

A) One B) Three

C) Two D) More than three

E) None of the above

30. How many such vowels are there in the above arrangement, each of which is immediately preceded by a symbol and immediately followed by a consonant?

TTA: 118 Seconds

A) Two B) Three C) One D) None

E) More than three

Directions: Following questions are based on the five three-digit numbers given below.

832 719 654 967

31. Which of the following is the sum of the first and the third digits of the second lowest number if one is added to all odd numbers and two is added to all even numbers?

481

TTA: 48 Seconds

A) 16 B) 12 C) 10 D) 5

E) None of these

32. If the positions of the first and the second digits within each number are interchanged, which of the following will be the difference between the highest and the second highest number?

TTA: 36 Seconds

A) 203	B) 133
C) 385	D) 182

E) 144

33. If the positions of the first and the third digits within each number are interchanged, which of the following will be the sum of the second and third digits of the lowest number?

TTA: 44 Seconds

A) 8 B) 11 C) 15 D) 12

E) None of these

34. If 1 is subtracted from all odd digits within number and 1 is added to all even digits within number, which of the following will be the sum of the second and third digits of the second lowest number?

TTA: 32 Seconds

A) 9 B) 16 C) 8 D) 12

E) None of these

35. If the positions of the second and the third digits within each number are interchanged, which of the following will be the sum of the first and the second digits of the third highest number?

TTA: 118 Seconds

A) 16 B) 10 C) 9 D) 15

E) None of these

C A 9 K 6 @ R U \$ 7 Y 2 S % P H # N F Q 8 L X 1 € B W 3 T 4 D G

36. How many consonants are in the above arrangement, such that each is preceded and succeeded by a number? TTA: **118 Seconds**

A) None B) One C) Two D) Three

E) More than three

37. How many symbols are between K and W such that it is both immediately preceded and immediately followed by a consonant?

TTA: 38 Seconds

A) None B) One C) Two D) Three

E) More than three

38. How many such numbers are there in the above arrangement, each of which is immediately preceded by a consonant and immediately followed by a symbol?

TTA: 29 Seconds

A) None B) One C) Two D) Three

E) None of these

39. What character is the third to the left of the second symbol from the right of the given arrangement?

TTA: 47 Seconds

A) % B) D C) Q D) 3

E) None of these

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Unique Features of SmartBook

- Time To Answer (TTA)
- **Smart Answer Key**
- Level Wise Difficulty
- **Best 4000 Questions**
- Free Video Lessons





40. Which of the following is exactly in the middle between	
the tenth from the right and the seventh from the left in the	
arrangement?	
TT	

TTA: 20 Seconds

A) H B) % C) N D) P

E) None of these

Directions: Study the following arrangement carefully and answer the questions given below:

P 5 R 1 * E K 4 F 9 % D I M 2 B 3 % 7 H A W 8 · 6 U J @ V Q &

41. Which of the following is the seventh to the left of the seventeenth from the left end of the above arrangement?

TTA: 118 Seconds

A) 9 B) M C) + D) 4

E) None of these

42. Which of the following is exactly in the middle between D and U in the above arrangement?

TTA: 46 Seconds

A) % B) W C) 7 D) 3

E) None of these

43. Four of the following five are alike in a certain way based on their position in the above arrangement and so form a group. Which is the one that does not belong to that group?

TTA: 35 Seconds

A) BM3 B) KFE C) 6J+ D) 15*

E) 9D4

44. How many such symbols are there in the above arrangement each of which is immediately preceded by a number but not immediately succeeded by a consonant?

TTA: 40 Seconds

A) None B) One C) Two D) Three

E) More than three

45. How many such consonants are there in the above arrangement each of which is immediately followed by another consonant but not immediately preceded by a symbol?

TTA: 35 Seconds

A) None B) One C) Two D) Three

E) More than these

Direction: Study the following arrangement carefully and answer the questions given below:

5 T @ 1 E F © 2 K L % 5 6 B I M 3 * S T Y 5 \$ 9 G J # K A

46. Which element will be the eighth to the left of the nineteenth element from the left end in the above arrangement?

TTA: 118 Seconds

A) % B) S C) L D) #

E) None of these

47. How many such consonants are there in the above arrangement each of which is immediately preceded by a letter and followed by a number?

TTA: 41 Seconds

A) None B) One C) Two D) Three

E) More than three

48. If the order of the last 15 elements is reversed, which of the following will be fifth to the right of twelfth from the left end?

TTA: 31 Seconds

A) Y B) K C) J D) #

E) G

49. What should replace the question mark (?) in the following series based on the above arrangement? 5 @ E, © K %, ?, S Y \$

TTA : **26 Seconds**

A) B M * B) 5 B M C) G # A D) 6 | 3

E) None of these

50. If all the numbers in the above arrangement are removed, then which element will be the fourteenth element from the left end?

TTA: 37 Seconds

A) S B) Y C) \$ D) %

E) T

Direction: Following question is based on five words given below.

FMOR OWRD XNTV SWON HUFR

(The new words formed after performing the mentioned operations may or may not necessarily be meaningful English words)

Note: All words are four letters word.

51. If the consonant in each of the words is replaced by its succeeding alphabet, then how many newly formed words will contain at least two vowels?

TTA: 118 Seconds

A) None B) One

C) Two D) More than three

E) None of these

52. Identify the one from the given options that forms a meaningful word after rearrangement.

TTA: 30 Seconds

A) XNTV B) SWON

C) HUFR D) Cannot be determined

E) All of these

53. If the given alphabets in all the given words are arranged in alphabetical order then how many words begin with a yowel?

TTA: 42 Seconds

A) None B) One C) Two D) Three

E) Four

54. If the alphabets in the given words are arranged alphabetically and then the newly formed words are

Arrangement and Pattern

arranged as p	oer the order	in the	dictionary	from	left to	right,
which of the	following will	be fou	ırth from ri	ght?		

TTA: 53 Seconds

A) FMOR B) DORW C) FHRU D) NOSW

E) None of these

55. How many meaningful words can be formed after rearrangement of the above given words?

TTA: 23 Seconds

A) None B) One C) FIVE D) Three

E) Four

Direction: The following questions are based on the five three-digit numbers given below.

421 509 606 525 339

56. If the first and second digit of every number is interchanged, which number will be smallest?

TTA: 118 Seconds

A) 421 B) 509 C) 606 D) 525

E) 339

57. In the given series if hundreds digit and tens digit of every number is added and multiplied with ones digit to get new numbers, which of the following will not have 3 as its factor?

TTA: 43 Seconds

A) 421 B) 509 C) 606 D) 525 E) 339

58. If the smallest digit of a number is subtracted from sum of two other digits, which of the following number becomes a prime number?

TTA: 18 Seconds

A) 421 B) 509 C) 606 D) 525

E) 339

59. If the units digit and tens digit of all five numbers are added together to subtract the sum of hundreds digit of all numbers, what is the resultant?

TTA: 31 Seconds

A) 17 B) 9 C) 14 D) 19

E) 23

60. Which of the following numbers remain unchanged on interchanging first and third digits?

TTA: 58 Seconds

A) 421 B) 525 C) 606 & 525 D) 339

E) None of them

Directions: Study the following questions and answering the questions referring to the word sequence given below:

BAT MIX JOB GEM TAP

61. When first and third letter of each word is interchanged, then how many meaningful words will be formed?

TTA: 117 Seconds

A) Three B) None C) One D) Two

E) None of these

62. If each consonant is changed to the previous letter in the alphabetical series, then how many word/s contains the same vowel, more than once?

TTA: 32 Seconds

A) None B) One C) Two D) Three

E) None of these

63. If words are arranged in the sequence they appear in the dictionary from left to right, which word is third from the right end?

TTA: 40 Seconds

A) BAT B) GEM C) JOB D) MIX

E) TAP

64. If each letter in the each word is arranged according to the alphabetical series from left to right, and then first and second letter are interchanged in each word then how many meaning full word will be formed?

TTA: 42 Seconds

A) One B) Two

C) None D) More than three

E) None of these

65. If all the letters are arranged according to the alphabetical series from left to right, which letter is eighth from left end?

TTA: 42 Seconds

A) E B) M C) J D) B

E) None of these

Direction: Study the following number sequence and answer the questions following it.

9769724592724697865378976534284 78456

66. How many odd numbers are there in the sequence each of which are immediately followed by an even number?

TTA : **116 Seconds**A) Nine
B) Seven
C) Ten
D) Eleven

E) None

67. How many 5s are preceded by 4 and followed by 9?

TTA: 45 Seconds

A) Four B) Three C) Two D) One

E) None

68. In the following series of number, find out how many times 5 have appeared?

TTA : 23 Seconds

A) Two B) Three C) Four D) Six

E) Five

69. In the following series of number, find out how many times 6 and 5 have appeared together?

TTA: 45 Seconds

A) Three

C) Four

E) None

70. How many 9s are thereby 7?	e preceded by 6 but not followed
TTA: 21 Seconds	D) T
A) Three	B) Two
C) One	D) More than Three
E) None	
Direction: Following que given below.	stions are based on four words
BKOQ DEFS RPAC (The new words formed	TUWJ after performing the mentioned not necessarily be meaningful
	anged in the reverse English the word, how many words will e beginning?
A) Two	B) Three
C) One	D) Four
E) None of these	_,
	the words are changed to next phabetical order, then how many m left?
A) One	B) Two
C) Three	D) Four
E) More than Two	
would appear in a diction following will be third fron TTA : 52 Seconds A) BKOQ	B) DEFS
C) TUWJ	D) RPAC
E) None of these	
changed to next letter and previous letter in the Engli	words, each of the consonants is d each vowel is changed to sh alphabetical series, in how will have at least one vowel?
A) One	B) Two
C) Three	D) Four
E) None of these	
series between third letter	there in the English alphabetical of the word which is second from r of the word which is first from ds?
A) Nil	B) One
C) Two	D) Three
E) Four	
Directions: Study the fol and answer the questior USEFTJASFSIDG	lowing information carefully ns given below: FJLOLPTRGYQAI

B) Two

D) One

76. If all the consonants in the above arrangement are sequentially given the value of even numbers such as S=2, F=4, T=6 and so on and all the vowels are given the value of 7 each, then what will be the value of the letters in the word POURED?

TTA: 32 Seconds

A) 98 B) 116 C) 97 D) 140

E) 153

77. If all the consonants in the above arrangement are sequentially given the value of even numbers such as S=2, F=4, T=6 and so on and all the vowels are given the value of 7 each, then what will be the value of the letters in the word ROPED?

TTA: 29 Seconds

A) 97 B) 90 C) 88 D) 94

E) 98

78. Three of the following four are alike in a certain way based on their position in the above arrangement and form a group. Which is the one that does not belong to that group?

TTA: 57 Seconds

A) TSA B) UFA C) PGA D) FOT

E) None of the above

79. How many letters in the above arrangement occupy the same position as they occupy in the English alphabet sequence?

TTA: 37 Seconds

A) 2 B) 7 C) 3 D) 1 E) 8

80. The value of which of the following consonants when added to that of the vowel which immediately precedes it amounts to 23?

TTA: 115 Seconds

A) Q B) S C) R D) D

E) A

The following questions are based on the three digits numbers given below:

758 839 246 197 564

81. In which of the following numbers is the sum of its digits the lowest?

TTA: 35 Seconds

A) 246 B) 758 C) 197 D) 564

E) 839

82. After arranging in descending order from left to right, which of the following will be the third from the right end? TTA: **24 Seconds**

A) 839	B) 564	Direction: Study the follow	
C) 758	D) 246	answer the question given	
E) 197		4315783162971213	
83. If one is added to the firs	t digit of all the odd numbers	90. How many odd numbers immediately preceded by a	
and 2 is added to the first di		TTA: 25 Seconds	periect square:
	digits are repeating more than	A) One	B) Two
once? TTA: 27 Seconds		C) Three	D) Four
A) Two	B) Three	E) More than four	
C) One	D) Four	91. Which of the following nu	umber will be seventh to the
E) None	•	right of tenth number from t	he left?
84. If the first and third digits	s of each number are	TTA: 115 Seconds	D) 5
interchanged, then which on		A) 1	B) 5
number?	<u> </u>	C) 3	D) 6
TTA: 115 Seconds		E) 7	
A) 564	B) 839		re dropped, which number will
C) 197	D) 246	be ninth to the left of fifteen TTA: 51 Seconds	th number from the left?
E) 758		A) 1	B) 3
5 S. I S. II		C) 5	D) 7
	ving information carefully to	E) 9	-,.
answer the given questions	s: D F K E 8 J Q 1 * V T U 2 \$ W	93. How many odd numbers	are there which are
85. How many such symbols	•	immediately preceded by pe	
arrangement each of which		perfect square?	
consonant but not preceded		TTA: 49 Seconds	
TTA: 43 Seconds		A) None	B) One
A) None	B) One	C) Two	D) Three
C) Two	D) Three	E) Four	
E) Four			
86. Four of the following five			ation carefully and answer
based on the positions of the arrangement and so form a		the questions given below.	UOPQFHIJLMKQPO
does not belong to the group		MIU	OOFGENISEMKGEO
TTA : 39 Seconds		94. How many consonants a	re there in the given
A) IL@	B) AH%	alphabetical sequence each	
C) KFE	D) QJ1	preceded and followed by a	vowel?
E) V * T		TTA: 19 Seconds	D) Over
87. In the following question,	select the related letters from	A) None	B) One
the given alternatives. B G: I	_7::A%:?	C) Two E) Four	D) Three
TTA: 115 Seconds	D) DE	•	al a
A) EK C) KF	B) DF D) FK		m the given arrangement then
E) None of these	D) FK	TTA : 22 Seconds	ent is twelfth from the right end?
·		A) H	B) Q
88. If all the numbers are dro		C) G	D) P
arrangement which element eleventh from the left?	will be fifth to the left of	E) F	·
TTA: 33 Seconds		96 Which of the following e	lement is sixth to the left of the
A) I	B) H	seventeenth from the left en	
C) T	D) *	TTA: 115 Seconds	
E) None of these		A) M	B) I
89. How many such vowels a	re there in the above	C) B	D) E
arrangement each of which		E) A	
symbol and also immediately	y preceded by a consonant?		es is written in reversed order
TTA: 20 Seconds	P) One	then which element is seven	th from the right end?
A) None C) Two	B) One D) Three	TTA : 42 Seconds A) L	R) A
E) Four	D) THEE	C) K	B) A D) J
Lj i Oui		\circ_{l} is	ر ر

E) M

Direction: The	following questions are based on thro	ee
digit numbers	given below.	

347 643 468 982 586

98. If '1' is subtracted from the last digit of each number, how many numbers thus formed are divisible by 3?

TTA: 19 Seconds

A) None B) One C) Two D) Three

E) Four

99. If in each number the positions of first and last digits are interchanged which number will be the smallest?

TTA: 39 Seconds

A) 347 B) 982 C) 586 D) 643

E) 468

100. If all the numbers are arranged in descending order from left to right which of the following will be the sum of the digits of the number which is exactly in the middle of the new arrangement?

TTA: 20 Seconds

A) 19 B) 18 C) 13 D) 14

E) None of these

101. What will be the result if the first digit of the highest number is divided by the first digit of the lowest number?

TTA: **35 Seconds**

A) 1 B) 1.5 C) 2 D) 3 E) 2.5

102. If all digits in each number are arranged in ascending order within the number, which of the following will form the second lowest number in the new arrangement?

TTA: 115 Seconds

A) 347 B) 982 C) 643 D) 586

E) 468

Direction: The following questions are based on five words given below.

MAD BAT PEN ZIP NOT

103. If the last alphabet in each of the word is changed to the next alphabet in the English alphabetical order, how many words having two vowels (same or different vowels) will be formed?

TTA: 28 Seconds

A) None B) One C) Two D) Three

E) More than three

104. In the given words if the first alphabet is changed to the next alphabet and the second alphabet is changed to the previous alphabet as in the English alphabetical order then how many words thus formed have no vowel?

TTA: 39 Seconds

A) One B) Two

C) Three D) More than three

E) None

105. If the given words are arranged in order as they would appear in a dictionary from left to right, which of the

following will be second from the left?

TTA: 58 Seconds

A) MAD B) BAT C) NOT D) PEN

E) ZIP

Direction: The following questions are based on three digit numbers given below.

287 894 769 923 456

106. If '1' is added to the last digit of each number, how many numbers thus formed are divisible by 4?

TTA: 114 Seconds

A) None B) One C) Two D) Three

E) Four

107. If in each number the positions of first and second digits are interchanged then, what will be the sum of the digits of the second-highest number in the new arrangement?

TTA: 38 Seconds

A) 21 B) 17 C) 22 D) 23

E) 15

108. If all digits in each number are arranged in ascending order within the number, which of the following will form the third highest number in the new arrangement?

TTA: 20 Seconds

A) 456 B) 287 C) 894 D) 769 E) 923

109. What will be the result if the second digit of the highest number is multiplied by the first digit of the lowest number?

TTA: **33 Seconds** A) 18

A) 18 B) 16 C) 6 D) 4

E) 8

Direction: Study the following series carefully and answer the questions given below.

3 C M \$ A 21 B 3 & D 5 8 & F % @ U 9 H 7 W S 4 L ¥ 3 8

£K

110. How many such letters are there in the series each of which is immediately preceded and followed by an odd number?

TTA: 15 Seconds

A) One B) Two C) Three D) Four

E) None

111. If all the symbols in the above arrangement are deleted then which among the following element is seventh form the right end?

TTA: 114 Seconds

A) B B) 1 C) 4 D) W

E) 7

112. How many such numbers are there in the series each of which is immediately followed by a symbol and preceded by a letter?

TTA: 29 Seconds

TTA: 46 Seconds

A) None

C) Two

E) Four

A) B

C) U

E) 8

B) One

113. Which among the following element is eighth to the left

114. If the first eighteen elements are reversed, then which

B) M

D) 5

of the tenth element from the right end?

D) Three

A) SUB

C) DNA

E) Both 1) and 2)

TTA: 37 Seconds

answer the question given below.

Arrangement and Pattern

D) Both 1) and 3)

B) APL

Direction: Study the following alphanumeric series and

85FM%V2E17KMI4&@6N4U9@Q\$©3A€

120. How many vowels are there which is immediately preceded by a number and followed by a perfect square?

	be the fifteenth element from the	A) 0 B) 1			
right end in the above sec TTA: 38 Seconds	quence?	C) 2	D) 3		
A) M	B) &	E) 4	,		
C) %	•	•	hanna ann dhanna aidithe ta taonna dtababa		
	D) \$		bers are there which is immediately		
E) C		TTA: 113 Seconds	el and followed by a symbol?		
Direction: The following	questions are based on five	A) 0	B) 1		
words given below. SUB DMU BAR APL DNA		C) 2 E) 4	D) 3		
	t is changed to the next alphabet		Is in the above arrangement are		
	Il order and the last alphabet is		ols in the above arrangement are		
changed to the previous c			n of the following element is sixth from th element from the left?		
	any words thus formed having no	TTA : 37 Seconds	in element from the left:		
vowel?	any words thas formed having no	A) 9	B) 2		
TTA : 40 Seconds		C) 5	D) 7		
A) One	B) Two	E) F			
C) None	D) More than three	E) F			
E) Three	b) Hore than three	123. If the first eight	een elements in the above sequence are		
		written in reverse or	der, then which of the following will at		
-	arranged in order as they would	the seventh position	n from the left end?		
	m left to right, which of the	TTA: 38 Seconds			
following will be in the mid	ddle?	A) E	B) %		
TTA: 58 Seconds	D) DNIA	C) 2	D) Q		
A) BAR	B) DNA	E) M			
C) DMU	D) ALP	124. Four of the follo	owing are alike in a certain way based		
E) SUB			the above arrangement. Find the one		
117. How many letters are	there in the alphabetical series	which does not belo			
between the third letter of	f the word which is first from the	TTA: 40 Seconds	3 1		
left and the first letter of t	he word which is first from the	A) M5V	B) &16		
right of the given word?		C) UN@	D) 3€\$		
TTA: 114 Seconds		E) 7EM			
A) One	B) Two	·			
C) Three	D) Four	Direction: The fell	owing guestions are based on five		
E) Five		words given below	owing questions are based on five		
118. If the first alphabet in	each of the word is changed to	EAL HIN ICK LIM			
	inglish alphabetical order, how		ers are there in the alphabetical series		
	owels (same or different vowels)		tter of the word which is second from the		
will be formed?	,		tter of the word which is third from the		
TTA: 25 Seconds		right?	teer of the word which is thing from the		
A) One	B) Two	TTA : 22 Seconds			
C) Three	D) More than three	A) Two	B) Three		
E) None		C) Four	D) Five		
,	and last alphabets of each word	E) None	272		
		'			
meaningful words with the	mong the following would form		t the starting of each of the given word		
TTA: 34 Seconds	e new arrangement:	•	aningful words thus formed by the given		
11/1.04 00001103		words? TTA : 113 Seconds			
		TIA . IIS Seconds			

E) More than three

B) One

127. If the last alphabet in each of the word is changed to

the previous alphabet in the English alphabetical order, how

D) Three

A) None

C) Two

E) Four

134. If all the numbers are arranged in ascending order from left to right then which of the following number will second

B) 782

from the left?

A) 935

TTA: 47 Seconds

	English alphabetical order, how an one vowel (same or different	C) 564 E) 327	D) 468						
A) One C) Three E) None	B) Two D) More than three	Direction: Study the following series carefully and answer the question given below. MFJOLQWERTYUPAHDGINXZCVBSK 135. How many vowels are there in the given series which is							
alphabets and consonant a in English alphabetical orde	vowels are changed to previous re changed to the next alphabet r then how many words have at		letter which comes after 'M' in						
least one vowel? TTA : 18 Seconds		A) None	B) One						
A) None	B) One	C) Two	D) Three						
C) Two	D) Three	E) More than four							
E) Four	- ,	136. Which of the following	element is tenth to the left of						
129. If the positions of first o	and last alphabets of each word	the seventh from the right TTA : 113 Seconds	end?						
are interchanged, how man	y words end with a vowel?	A) Q	B) T						
TTA: 52 Seconds	D) 0	C) G	D) X						
A) None	B) One	E) Y	_,,,						
C) Two E) More than three	D) Three	137. If all the vowels in the	above arrangement are dropped element is twelfth from the left						
D: 1: TI (II :		end?	, diditione is extended from the fore						
	uestions are based on three	TTA: 27 Seconds							
digit numbers given below 782 327 564 468 935		A) H	B) G						
	ch of the digits which is greater	C) D	D) P						
	which of the following number	E) Y							
thus obtained is the second		138. Which one of the follo	wing is the odd one out based on						
arrangement?	J	a given series?	-						
TTA : 19 Seconds A) 327	B) 935	TTA : 38 Seconds A) QEL	B) DHG						
C) 782	D) 564	C) RET	D) CZV						
E) 468	D) 304	E) OJL	<i>D</i>) <i>C</i> 2 <i>V</i>						
•	ghest number is divided by the	·	e middle of the element which is						
first digit of the lowest number resultant value?		eleventh from the left end of TTA: 23 Seconds							
TTA: 113 Seconds		A) I	B) A						
A) 3	B) 4	C) G	D) H						
C) 2 E) 1.5	D) 1	E) D							
132. If '1' is added to the last	digit of each number how	Directions: Study the follo	owing alphabet series and						
many numbers thus formed TTA: 30 Seconds	-	answer the questions tha							
A) One	B) Two		v many vowels are immediately						
C) Three	D) Four	followed by another vowel?							
E) None		TTA : 113 Seconds							
133 If all digits in each num	ber are arranged in ascending	A) One	B) Two						
	w many numbers are the same	C) Three	D) None						
as the actual number after a	•	E) More than three							
TTA: 29 Seconds	-	141. Which of the following	letters will be third to the right of						
A) None	B) One	the first vowel from the righ							
C) Two	D) Three	TTA : 45 Seconds							

A) G	B) E
C) V	D) X
E) H	

142. If all the letters from the given series are arranged in alphabetical order, then which of the following letters will not change its position?

TTA: 42 Seconds

A) B B) V C) H D) O

E) D

143. How many letters are there in the English alphabetical series between the sixth letter from the right end and the seventh letter from the left end?

TTA: 24 Seconds

A) Two B) Five C) Seven D) Eight

E) Four

144. Four of the following five are alike in a certain way based on their position in the above arrangement and hence form a group. Which one does not belong to that group?

TTA: 52 Seconds

A) ONQ B) XJK C) DIO D) RBZ

E) JCV

Direction: The following questions are based on five words given below.

KEY TEA PAY USE MAD

(The new words formed after performing the given operations may or may not necessarily be meaningful English words)

145. If M is added at the end of each word, then how many meaningful words can be formed?

TTA: 37 Seconds

A) Four B) Two
C) One D) Three

E) Zero

146. How many letters are there in the English alphabetical series between the third letter of the fourth word from the left end and the second letter of the third word from the right end?

TTA: 19 Seconds

A) Five B) Three C) Two D) One

E) Four

147. If the first letter of each word is placed after the last letter of the same word, then how many meaningful words can be formed?

TTA: 34 Seconds

A) Five B) Four C) Three D) Two

E) One

148. If in each of the given words, all the alphabets are arranged in the English alphabetical order within a word, then how many words will end with a vowel?

TTA: 112 Seconds

- A) Three B) Four C) Five D) One
- E) Two

149. If the given words are arranged in order as they would appear in the dictionary from right to left. Which of the following will be second from the left end?

TTA: 37 Seconds

A) MAD B) USE C) KEY D) TEA

E) PAY

LEVEL 3 150 - 233 Questions

150. If it is possible to make only one meaningful English word with the second and third letters of the word AMPLE, together with first and second letters of the word DAY, then which of the following will be the fourth letter of newly formed word? If no such word can be made give 'X' as the answer and if more than one such word can be made give 'Y' as the answer.

TTA: 79 Seconds

A) D B) A C) M D) X

E) P

151. All the letters of the word "CLIPBOARD" are arranged in alphabetical order from left to right. Then all the consonants are replaced with the next alphabet (as per English alphabetical order) and all vowel remain the same then which of the following will be fourth letter from right end?

TTA: 74 Seconds

A) L B) I C) J D) M

E) Q

152. If it is possible to make only one meaningful English word with the first, the second, the third, the fourth and the fifth letters of the word 'PRECARIOUS' which of the following will be the fifth letter of that word? If no such word can be made give 'X' as the answer and if more than one such word can be made give 'Y' as the answer.

TTA: 94 Seconds

A) E B) A C) P D) X

E) Y

153. How many such pairs of letters are there in the word 'EXTRACTION', each of which has as many letters between them in the word (both forward and backward direction) as they have between them in the English Alphabet?

TTA: 69 Seconds

A) One B) Two C) Three D) Four

E) More than four

154. How many such pairs of digits are there in the number '79486251', each of which has as many numbers between them (both forward and backward direction) as they have between them in the numerical series?

TTA: 79 Seconds

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B) Three

D) Five

155. If it is possible to make only one seven letter

meaningful English word with the 1st, 3rd, 4th, and 6th letter

of the word ROCKET and 3rd, 5th, and 6th letter of the word

SPACESHIP, which of the following will be the fourth letter

from left of that word? If no such word can be made give 'X'

A) Two

C) Four

E) Seven

A) GANACRROE

C) GNACORRAE

E) GNACRORAE

can be formed, answer is 'X'

B) GANCRAROE

D) GANCARROE

161. If it is possible to make a meaningful word from the

word would be your answer. If more than one such word can

be formed, your answer would be 'M' and if no such word

third, sixth, eight and eleventh letters of the word 'DISTINGUISH' using each letter only once first letter of the

as the answer and if more th give 'Y' as the answer. TTA : 70 Seconds A) C C) Y	an one such word can be made B) E D) K	can be formed, answer is 'X' TTA: 70 Seconds A) S C) M E) H	B) X D) N
will be the lastletter of that v made give 'X' as the answer can be made give 'Y' as the o TTA: 88 Seconds A) E C) T E) Y	seventh, eighth and the ninth EP, then which of the following vord? If no such word can be and if more than one such word answer. B) P D) X	word without repetition of the and the eighth letters of the would be the second letter of such word can be formed, give K TTA: 68 Seconds A) T C) O E) X 163. How many such pairs of	B) R D) K f digits are there in the number
and answer the questions the letters are there in the word	'NEPOTISM" that have the een them in the word (in both		s as many numbers between kward direction) as they have cal series? B) Five D) Eight
A) Three C) Five E) None of the above 158. How many such pairs of 'FIREBOARD', each of which them in the word (both forwathey have between them in to TTA: 61 Seconds A) None C) Two	has as many letters between ard and backward direction) as	164. The consonants in the v to the respective previous al alphabetical series and the respective alphabets succee alphabetical series. What is	vowels are changed to the
word "UNEATABLE", which of	, sixth and ninth letters of the the following will be the om the left end? If no such word answer and, if more than one e 'X' as the answer. B) A D) E	word without repetition of the ninth and twelfth letters of the which would be the third letter more than one such word can answer. If no such word can answer. TTA: 115 Seconds A) M C) N E) X	he word 'COMPENSATION', ter of the word from the left? If an be formed, give X as the be formed, give K as your B) E D) K
seventh, fourth and eighth le are interchanged, and the po	tters of the word ARROGANCE	ACKNOWLEDGE, then which	d seventh letters of the word h will be the first letter of that d can be formed and M if more

A) N	B) C
C) L	D) X
E) M	

167. How many pairs of letters in the word "EXXAGERATE" have the same number of letters between them in the word (in both forward and backward directions), as they have in the English alphabetical series?

TTA: 77 Seconds

A) 3 C) 1 D) 0 E) 4

168. How many such pairs of letters are there in the word WEBCAST, each of which has as many letters between them in the word (in both forward and backward Directions) as they have between them in the English alphabetical

TTA: 81 Seconds

A) None B) One C) Two D) Three

E) More than three

169. How many such digits are there in the number 64382179 each of which is as far away from the beginning of the number as when the digits are arranged in ascending order within the number?

TTA: 72 Seconds

A) None B) One D) Three C) Two E) More than three

170. How many such pairs of letters are there in the word 'CORPORATION', each of which has as many letters between them in the word (both forward and backward

direction) as they have between them in the English Alphabet?

TTA: 87 Seconds

A) Four B) Two D) Five C) Three

E) More than five

171. How many such pairs of letters are there in the word 'TRANSPORT', each of which has as many letters between them in the word (both forward and backward direction) as they have between them in the English Alphabet?

TTA: 62 Seconds

A) One B) Two C) Three D) None

E) More than three

172. How many pairs of letters are there in the word 'DEMONSTRATION' each of which has as many letters between them in the given word in the BACKWARD Direction, as they have between them in the English alphabetical series?

TTA: 68 Seconds

A) Two B) Three C) Four D) Five

E) More than Five

173. How many such pairs of letters are there in the word CAPILLARITY, each of which has as many letters between them in the word (in both forward and backward directions) as they have between them in the English alphabetical series?

TTA: 74 Seconds

B) 2 A) 1 C) 5 D) 4

E) 3

Directions: Study the following arrangement of the English alphabet and answer the questions given below:

CLVGDUXQHSITZJFPOWRNBEYMKA

174. Four of the following five are alike in a certain way based on their position in the above arrangement and hence form a group. Which one does not belong to that aroup?

TTA: 112 Seconds

A) BRY B) EMN C) XDH D) OFR E) YBK

175. ZFJ: TSI in the same way as JPF: ?

TTA: 58 Seconds

A) HIS B) ZTF C) ZIT D) HSI

E) SHQ

176. Which of the following pairs of letters has as many letters between them in the above arrangement as there are between them in the English alphabet?

TTA: 35 Seconds

A) AH B) EL D) FO C) LS

E) DH

177. If each letter is attached a value, equal to its serial number in the above arrangement starting from your left, then what will be the sum of the numbers attached to all the vowels in the arrangements?

TTA: 55 Seconds

A) 50 B) 58 C) 82 D) 73

E) None of these

178. Which letter is tenth to the right of the letter which is exactly the middle letter between Z and V?

TTA: 56 Seconds

A) O B) G C) W D) U

E) None of these

Direction: Read the given information and answer the question below.

First 9 multiple of number 3 are written from left to right. The letters of word 'BOARD' are written in order against each of odd number (One letter against one number). There are 2 letters between A and K. There are as many letters between K and E as between Y and S. S. is not against number 12 . Number which is against S is divisible by 4. There are 3 letters between S and E. (No letter is repeated against any number)

179. How many four letter meaningful word/words can be formed from letters at even positions in final arrangement? TTA: 112 Seconds

Arrangement and Pattern



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A) 2 C) 1 E) None of these	B) 3 D) 4
result in the final arrange	etters are there in the word whic ement, that has as many letters d as in the English alphabet seri in backward direction) B) 4 D) 2
words given below, Studenswer the following que ROLL BASE NOSE (The new words formed	
series between the third l	e there in the English alphabetic letter of the word which is third ne third letter of the word which B) Two
C) Three E) None	D) More than three
182. If the given words ar	re arranged in the order as they om left to right, which of the th from the right end? B) ROLL D) BASE
each of the words are int	first and the fourth alphabet of terchanged, which of the followin ord in the new arrangement? B) ROLL D) KITE

many meaningful words will be formed in the new

B) Three

B) Four

D) One

D) More than four

arrangement?

A) Two

C) Four

E) None

A) Two

C) Three

E) None

TTA: 112 Seconds

TTA: 35 Seconds

:h es? ned h al is ηg **184.** If the first alphabet in each of the words is changed to the next alphabet in the English alphabetical order, how **185.** If in each of the given words, each of the consonants is changed to its previous letter and each vowel is changed to its next letter in the English alphabetical series, then how many words thus formed will at least one vowel appear?

Direction: The following questions are based on the four words given below, Study the following words and answer the following questions.

FOR ODD AND

(The new words formed after performing the mentioned operations may not necessarily be a meaningful English word.)

186. How many letters are there in the English alphabetical series between the second letter of the word which is second from the right end and the third letter of the word which is first from the left end?

TTA: 21 Seconds

A) Three B) Two

C) One D) More than three

E) None

187. If the position of the first and the second alphabet of each of the words are interchanged, which of the following will form a meaningful word in the new arrangement?

TTA: 29 Seconds

A) FOR B) BOB C) AND D) ODD

E) None

188. If the third alphabet in each of the words is changed to the next alphabet in the English alphabetical order, how many words thus formed having two alphabets as vowel?

TTA: 110 Seconds

A) One B) Two C) Three D) None

E) All of these

189. If in each of the given words, all the consonants are changed to its immediate next letter according to the English alphabetical series, then how many words thus formed does not have any vowel in it?

TTA: 59 Seconds

A) Two B) Only one C) More than three D) Three

E) None

190. If the given words are arranged in the order as they appear in a dictionary from left to right, which of the following will be the third from the left end?

TTA: 31 Seconds

A) BOB B) FOR C) ODD D) AND

E) None

Directions: Study the following information to answer the question given below:

@ M 3 6 P % 9 K T Q 5 C \$ 8 A # 7 D S * H 2 W Z Step: 1 – Those Numbers which are immediately preceded by the symbol and immediately followed by an Alphabet are written at the right end in ascending order.

Step: 2 - After completing the step -1, Interchange the Odd number with the previous element in the series to form the step -2

Step: 3 – After completing the step - 2, Alphabets which are immediately followed by a symbol are written between sixth and seventh element from the right end; in alphabetical order from left to right.

G8%C3B1*6K@I5D!E2\$LHA#J~7U^4&

There are certain operations which are to be applied,

and then mark your answer accordingly.

	ement is seventh to the right of								
the element which is Tenth fr	om the left end in step -3?	there between 15 th element from the right end and 15 th							
TTA: 40 Seconds	B) P	element from the left end.							
A) Z	•	TTA : 110 Seconds	D) 2						
C) D	D) W	A) 3	B) 2						
E) H		C) 1	D) 6						
192. How many numbers are	•	E) None of these							
immediately preceded by an	alphabet in step -3?								
TTA : 30 Seconds A) One	B) Two		wing information carefully to						
	'	answer the given question							
C) Three E) More than three	D) None		ich are immediately followed						
-, · · · · · · · · · · · · · · · · · · ·		are written at the left end	diately preceded by a vowel						
193. If all the symbols are ren			cep 1, vowels are interchanged						
which of the following eleme	nt will be in the Middle of the	with preceding element.	isp if versels are interestalliged						
series? TTA : 44 Seconds		Step 3: After completing st	tep 2, Even numbers which						
A) A	B) C	are Perfect Square are wri							
C) D	D) P	ascending order.							
E) S	<i>D</i>) F	SQADFW@E1BTR#	O % 5 3 U Z C G Y 2 4 & H I						
E) 3		M 9 7 \$ 8 6 L N ? K							
D: C: C!!		199. If all the consonants in t							
Directions: Study the follow	ring information to answer	dropped, then which of the f							
the question given below:	high are immediately	element from the left end in TTA : 109 Seconds	step 2?						
Step 1: Those consonants w followed by a vowel and im		A) O	B) 5						
	eft end in alphabetical order.	C) U	D) %						
Step 2: After completing ste		E) #	D) 70						
interchanged with precedir									
	ep 2, Odd numbers which are	200. How many odd number							
non-Perfect Square are wri	tten at the right end in	immediately followed by a v	owel in Step 3?						
descending order.		TTA : 46 Seconds A) Two	B) One						
Input: (\$ 0 A B E 3 ! @ V 7 C	Q #1519 & A Z 2 4 G 4 %)	C) Five	D) Four						
104 After a constation Chan 2		E) Three	D) i oui						
	what is the difference between	•							
	d and 4 th element from the left	201. How many such vowels							
end? TTA : 110 Seconds		•	are immediately preceded by a						
A) 3	B) 2	consonant and followed by a TTA : 46 Seconds	a consonant in step 2:						
C) 4	D) 0	A) Three	B) Two						
E) 1	2, 3	C) One	D) Four						
,		E) None	_,						
195. How many symbols are t followed by a number in Step		202. Which of the following	alamant is the twelfth to the						
TTA: 43 Seconds	0.2:	right of the tenth element from							
A) 1	B) 0	TTA : 42 Seconds	on the left end in step 5:						
C) 3	D) 2	A) G	B) Y						
E) 4	-,-	C) 2	D) 4						
·	there which are followed by	E) C	,						
196. How many elements are vowels in step 3.	there which are followed by								
TTA: 36 Seconds			the right of 17 th element from						
A) 4	B) 1	the right end in step 3? TTA : 52 Seconds							
C) 5	D) 3	A) M	B) 9						
E) 2	, .	C) 7	D) \$						
•	c.=th	E) H	<i>U</i> , <i>4</i>						
197. Which element is 6 th to t	he right of 15"' element from	L, 11							
the right end in step 3.		Dimention of the City							
TTA : 46 Seconds A) 9	B) 4		wing information carefully to						
	υ, -	answer the given question	٥.						

D) #

C) A

E) Z

- 1) Each even number is replaced by the number which precedes it in the decimal number system and each odd number is replaced by the number which is greater than it by two.
- 2) Each consonant is replaced by the alphabet which is three places ahead to it in general alphabetical series. Each vowel is replaced by the alphabet which precedes it in general alphabetical series. (G - J and E - D).
- **204.** How many such symbols are there in the above arrangement each of which are immediately preceded by a number and followed by an alphabet?

TTA: 51 Seconds

A) Two B) Three

C) Four D) More than four

E) None of these

205. If all the symbols and vowels in the above arrangement are dropped, then which of the following will be the 7th to the right of 3rd from left end?

TTA: 39 Seconds

A) 4 B) J D) G C) M

E) D

206. If all the symbols from the above arrangements are placed to the left of J. placing symbols from left to right. after applying the operations. Ex (...^ & J... where G is replaced by J after applying operations). What is the position of ~ with respect to 5.

TTA: 37 Seconds

A) 6thto the left B) 5thto the left

C) 9thto the left D) 7thto the left

E) Both 1 and 3 are true

207. How many such numbers are there in the above arrangement each of which are immediately preceded and followed by a symbol?

TTA: 44 Seconds

A) 2 B) 1

C) 3 D) More than 3.

E) None of these.

208. Four of following five are alike in a certain way based on their positions in the above arrangement and so form a group. Which is the one that does not belong to that group?

TTA: 109 Seconds

A) %FJ B) N@* C) 7GN D) 1\$!

E) T^~

Direction: Study the following alphabet series and answer the questions that follow.

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

209. If the first half of the given series is written in reverse order then find out which will be the eighteenth letter from the right end?

TTA: 33 Seconds

A) N B) C C) E D) G

E) None of these

210. If each fourth letter from the given alphabetical series is deleted from left to right then which will be the ninth

letter to the left of seventh letter from the right end of the arrangement?

TTA: 45 Seconds

A) E B) J C) G D) F

E) None of these

211. Which letter will exactly be in the middle of ninth letter from the left end of the series and nineteenth letter from the left end of the series?

TTA: 46 Seconds

A) O B) N C) M D) P

E) None of these

212. Select the one that is different from the others in the above given arrangement.

TTA: 28 Seconds

A) BCD B) LMN C) IJK D) FGH

E) QRS

213. What will come in place of the question mark to complete the following series? ABC EFG

TTA: 109 Seconds

A) LMN B) KLM C) OPQ D) NOP

E) None of these

Directions: Answer the questions based on the sequence of numbers, alphabets and symbols given. 1#W\$4S\$D&*27!AH4%8@!53L9F@Q\$6

There are certain operations which are to be applied, and then mark your answer accordingly.

- 1) If each letter in A-Z alphabetical series is represented by number 1–26 respectively, then each number in the series is replaced by the alphabet as per its represented number.
- 2) If each letter in A-Z alphabetical series is represented by number 1–26 respectively, then only first nine letters of A-Z alphabetical series is replaced by its represented number and other letters will remain same.
- 3) Symbols '\$' and '!' are replaced by a symbol '<'.
- **214.** How many such numbers/alphabets are there in the series which are immediately preceded and followed by a symbol '<'?

TTA: 28 Seconds

A) None B) One C) Two D) Three

E) Four

215. How many numbers are there in the series?

TTA: 45 Seconds

TTA: 58 Seconds

A) Three B) Four C) Seven D) Nine

E) Ten

216. How many alphabets are there in the series?

A) 8 B) 10 D) 14 C) 12

E) 15

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217. How many such a are followed by an alg	alphabets are there in the series which chabet only?	Direction: Read the following information carefully and answer the question asked below								
TTA: 57 Seconds	,	7 M 4 \$ G U [*] 5 % @ X 3 # S & 2 9 Δ I 8 O 1 J © 6 V P ^								
A) 3	B) 4		n are immediately preceded by							
C) 5	D) 7		ged in the alphabetical order							
E) 8	-, .		ast element of the series.							
•			ch is immediately followed by							
,	numbers are there in the series which		mediately preceded by the							
are preceded by a syr	mbol?	symbol are to be arrang	ged in descending order							
TTA: 109 Seconds	-1-	immediately after the la	ast element of the series.							
A) None	B) One	Step 3: The symbol which	ch is immediately preceded by a							
C) Two	D) Three		ge with the element that							
E) Four		immediately followed th								
			ned after completion of step 1							
Direction: Following	questions are based on five words		ormed after completion of step							
given below.	questions are based on live words	2.								
DJV YEC OJA QBS I	TY		ne element which is sixth from the							
	ned after performing the mentioned	left in step 3 and eighth f								
		TTA : 30 Seconds	om the ngm m stop 2.							
	nay not necessarily be meaningful	A) Addition of element is	not B) 13							
English words)		, possible	•							
	rd alphabet in each word is changed	C) 11	D) 10							
	nd the second alphabet is changed to	E) 12	_,							
	in the English alphabetical order, how	·								
many words have two TTA : 113 Seconds	o voweis?	· · · · · · · · · · · · · · · · · · ·	e there between the fourth element							
A) Four	B) Three		element from the right after							
•	•	completion of all the step	os?							
C) One	D) Two	TTA: 31 Seconds	D) T							
E) None		A) One	B) Two							
220. If in each of the v	words, all th <mark>e al</mark> phabets are arranged	C) Three	D) Four							
in English alphabetica	al order within the word from right to	E) More than four								
left, how many words	will begin with a consonant?	226. Which of the following	ng is seventh to the right of eight							
TTA: 43 Seconds		from the left in step 2?	ig to contain to another inglished or original							
A) One	B) Three	TTA : 58 Seconds								
C) Two	D) Four	A) 9	B) &							
E) Five	,	C) 7	D) Δ							
·		E) 2	<i>5</i> / <i>4</i>							
,	are there in the English alphabetical	•								
	st letter of the word which is second	227. If half of the series ge	et reversed from starting after last							
	first letter of the word which is third		g will be eighth element from the							
from the right of the c	given words?	left end?								
TTA: 51 Seconds	D) 12	TTA: 32 Seconds	_, _							
A) 11	B) 12	A) %	B) 5							
C) 13	D) 14	C) @	D) *							
E) 15		E) U								
222. If alphabets of th	ne given words are reversed and then	228 If all the alphabets a	re arranged in alphabetical order							
· ·	the order as they would appear in a	228. If all the alphabets are arranged in alphabetical order on the same places where alphabets placed after the last								
	right, which of the following word will		a element is seventh to the left of							

available at

dictionary from left to right, which of the following word will seventeenth from the left end?

be at last position?

TTA: 39 Seconds

A) DJV B) ITX C) YEC D) QBS

E) OJA

223. If the last alphabet in each of the words is changed to the next alphabet in the English alphabetical order, how many words ending with vowels will be formed?

TTA: 43 Seconds

A) Two B) One C) Four D) Three

E) None of These

Direction: Read the information carefully and answer the questions.

B) O

D) P

TTA: 108 Seconds

A) X

C) S

E) J

Step 1: The Consonants preceded by a number are interchanged with each other.

Step 2: After completing step 1, the symbols which are followed by odd numbers are written at the first, according to their occurrence in the series.

Step 3: After completing step 2, even numbers are multiplied by 3.

Input: & 1 B * 5 4 9 Z & 3 T 0 2 # 1 C W 2 7 * ! 6 K # 3 @ 2

1D^5

229. In step 3, which element is 8th from the left end?

TTA: 51 Seconds

A) 9 B) 12 C) Z D) 5 E) &

230. How many symbols are succeeded by consonant in step 2?

TTA: 30 Seconds

A) 4 B) 7 C) 3 D) 1 E) none

231. In step 3, how many consonants are preceded by a symbol and not followed by a number?

TTA: 23 Seconds

A) 6 B) 4 C) 3 D) 2

E) None

232. Which element is at the beginning in the step 2?

TTA: 51 Seconds

A) ^ B) B D) * C)! E) &

233. How many elements are succeeded and preceded by a number in step 1?

TTA: 108 Seconds

A) 9 B) 10 C) 8 D) 6

E) 7



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Arrangement and Pattern



6	Ans	Correct	Q.	Ans	Correct	Q.	Ans	Correct	Q.	Ans	Correct	Q.	Ans	Correct	Q.	Ans	Correct	Q.	Ans	Correct
	, (110	Skipped		,	Skipped		71115	Skipped	j	71115	Skipped	j	71110	Skipped		71110	Skipped	j	71110	Skipped
1	Α	70%	29	С	49%	57	D	51% 40%	85	С	63 %	113	E	86 %	141	D	90%	169	С	39%
2	E	28 % 58% 30 %	30	В	23 % 75% 2 %	58	Α	69%	86	Α	7% 81 %	114	Α	7% 61 % 19%	142	В	7% 63% 35%	170	D	28% 40% 29%
3	A	79%	31	В	34%	59	С	46%	87	D	87 %	115	В	51 %	143		56%	171	E	48%
Ľ		6 % 78%			32 % 75%			44% 88%		_	7% 70 %			17% 85 %	143	_	24% 86%			23%
4	Α	3 % 50%	32	Е	21 %	60	С	6% 45%	88	E	9%	116	С	9%	144	D 	10%	172	С	42% 87%
5	D	32 %	33	D	21 %	61	D	15%	89	В	10%	117	Α	26%	145		19% 64%	173	В	41%
6	D	42% 30 %	34	С	36% 34 %	62	В	61% 18%	90	E	55 % 6%	118	В	81 %	146	В	28%	174	В	72% 17%
7	С	56% 25%	35	Α	60% 14 %	63	С	15%	91	В	82 % 4%	119	D	83 %	147	E	65% 27%	175	С	77% 18%
8	D	58 _%	36	D	65% 16 %	64	D	34% 21%	92	A	79 % 8%	120	С	72 % 4%	148	D	76% 16%	176	Ε	46% 41%
9	Α	27% 10 %	37	С	72% 18 %	65	С	4 <mark>6%</mark>	93	В	54 % 13%	121	С	76 % 3%	149	D	53% 18%	177	С	30% 5 2 %
10	Е	17% 8 %	38	С	64%	66	С	46% 9%	94	С	80 % 5%	122	В	87 % 5%	150	Е	34% 56%	178	С	69% 16%
11	Α	41% 12 %	39	Α	51% 24 %	67	D	88% 6%	95	В	93 % 3%	123	Ε	80 %	151	D	55 _%	179	С	35% 61%
12	Α	42% 14 %	40	D	52% 26 %	68	С	92%	96	D	85 % 4%	124	D	73 % 8%	152	E	8% 59%	180	Е	24% 64%
13	Е	39% 9 %	41	Α	91% 4 %	69	Α	79% 7%	97	Α	64 % 17%	125	А	58 % 30%	153	С	38% 34%	181	Ε	68% 25%
14	D	32% 9 %	42	С	94% 2 %	70	E	77% 8%	98	D	77 % 4%	126	Е	20 %	154	С	47% 29%	182	Α	73%
15	Е	48% 32 %	43	Е	44% 7 %	71	D	57 _%	99	В	96 % 2%	127	Α	64 %	155	С	3% 73%	183	Е	66%
16	Е	43% 37 %	44	D	69% 4 %	72	Α	72% 22%	100	Α	79 % 10%	128	В	58 % 31%	156	E	9% 57%	184	Α	58 _%
17	С	54% 29%	45	Α	69% 8 %	73	В	53% 20%	101	D	95 % 3%	129	С	76 % 19%	157	В	43% 25%	185	D	47% 41%
18	Α	66% 18 %	46	Α	78% 7 %	74	В	5 5 %	102	С	80 % 4%	130	С	71 % 15%	158	С	46% 28%	186	Α	63% 23%
19	D	42% 7 %	47	С	68% 9 %	75	D	46% 40%	103	Е	76 % 8%	131	Α	91 % 7%	159	D	20% 60%	187	Е	72% 16%
20	Е	57% 23%	48	D	50% 31 %	76	С	15% 4%	104	С	60 % 17%	132	В	77 % 7%	160	D	54% 41%	188	В	83% 12%
21	E	61% 33 %	49	D	79% 11 %	77	В	15% 10%	105	Α	85 % 9%	133	В	80 % 10%	161	Α	5% 58%	189	Е	73% 16%
22	Е	61% 26 %	50	Е	76% 10 %	78	Α	85% 6%	106	С	74 % 3%	134	D	61 % 11%	162	E	17% 50%	190	В	82% 12%
23	В	67% 13 %	51	D	49% 30 %	79	D	31%	107	В	73 % 6%	135	D	57 % 10%	163	С	38%	191	В	34% 48%
24	С	79%	52	В	49% 40 %	80	D	84%	108	Α	79 % 5%	136	В	89 %	164	С	26%	192	С	26% 40%
25	E	63%	53	Α	72% 17 %	81	Α	87%	109	D	83 %	137	С	88 %	165	D	15% 61%	193	Α	28% 55%
26	В	80%	54	С	38% 31 %	82	В	85% 10%	110	В	79 % 8%	138	Α	94 %	166	В	20% 5 3 %	194	В	12% 51%
27	D	92%	55	С	55% 39 %	83	Α	41% 22%	111	D	89 % 6%	139	E	82 %	167	С	52% 23%	195	С	37% 36%
28	С	92%	56	В	88%	84	С	84%	112	В	77 % 7%	140	Α	94 %	168	E	20%	196	Α	29% 5 2 %
_		- 70			- ~						. ~			. 70			.5%			

	۸,,	Correct		۸۳۰	Correct	^	Ans	Correct		Ans	Correct		Ans	Correct		Ams	Correct		Ans	Correct
Q.	Ans	Skipped	Q.	Ans	Skipped	u.	ANS.	Skipped	u.	ANS	Skipped									
197	Ε	24% 45 %	225	В	12% 61 %															
198	В	12% 49 %	226	Α	24% 59 %															
199	D	54% 24 %	227	D	16% 66 %															
200	В	72% 24 %	228	Е	16% 78 %															
201	С	62% 19 %	229	В	34% 38 %															
202	Α	53% 20 %	230	Α	30% 34 %															
203	В	57 _%	231	Е	34% 58 %															
204	Α	39% 57 %	232	D	52% 39 %															
205	D	31% 53 %	233	С	14%															
206	Е	3% 3% 78 %			45 %															
207	В	42% 51 %																		
208	С	33% 62 %																		
209	С	73% 17 %																		
210	D	47% 32 %																		
211	В	67%																		
212	С	40% 37 %														14				
213	С	10%							7						7					
214	В	21%																		
215	В	17% 68 %																		
216	D	15% 68 %																		
217	С	11% 73 %																		
218	С	12% 67 %																		
219	С	59% 28 %																		
220	D	33% 27 %																		
221	Α	41% 44 %																		
222	В	35% 53 %																		
223	Е	82% 9 %																		
224	С	12%																		

LEVEL 1 1 - 25 Questions

Sol 1.

Given word: VASELINE

The giver	n wor	d ca	n be	repr	esen	ted o	as fo	llows
Letters	٧	Α	s	Е	L	1	N	Ε
Position	22	1	19	5	12	9	14	18
							1	

Thus, there is one pair \rightarrow Forward: LN Hence, One is the correct answer.

Sol 2.

Word: DESPERATELY

Word	D	Ε	S	Ρ	Ε	R	Α	Т	Ε	L	Υ
After Interchanging	Е	D	Ρ	S	R	Е	Т	Α	ш	Ε	Υ

Word formed after interchanging: (left end) EDPSRETALEY (right end)

Clearly, 'A' is 8th from the left end of the new word.

Sol 3

Arranging from left to right in alphabetical order: ACFINORT Consonant: C F N RT \rightarrow Previous letter \rightarrow B E M Q S Vowels: A I O \rightarrow Next Letter \rightarrow B J P.

Amended Word: (Left End) BBEJMPQS (Right end)

Clearly, 'M' is the fifth from left.

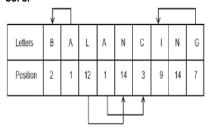
Sol 4.

Given arrangement: T 6 # I J I % L E 3 J K 9 @ A H 7 B © D 2 U \$ R 4 * 8

On removing 'Vowels': (Left End) T 6 # \underline{J} % L 3 J K 9 @ H 7 B \odot D 2 \$ R 4 * 8 (Right end)

Clearly, 'J' is 4th element from left end and '9' is 6th to right of 'J'.

Sol 5.

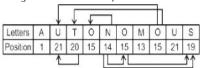


There are four such pairs: Forward – AC, LN and Backward – AB, GI.

Hence, four is the correct answer

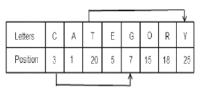
Sol 6.

The given word can be represented as follows,



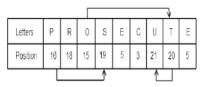
Hence, we can see that 7 such pairs are there \rightarrow Forward: NO, NS, OS; Backward: NO, OT, OU, TU.

Sol 7.



Hence, two pairs are there in the word 'CATEGORY', each of which has as many letters between them in the word (both forward and backward direction) as they have between them in the English Alphabet.

Sol 8.

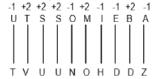


Hence, three pairs are there in the word 'PROSECUTE', each of which has as many letters between them in the word (both forward and backward direction) as they have between them in the English Alphabet.

Sol 9.

Given word: ABSTEMIOUS

Reverse alphabetical order (Z-A): UTSSOMIEBA



Eighth letter from the left end = D Hence, D is the correct answer.

Sol 10.

Given Word	DIGITALISATION						
Chosen Letters	G, A, L, S, I						
Only Possible word	No such word						

Sol 11.

After arranging all letters of the given word in alphabetical order:

DEGILLMNO

After changing all vowels to the previous letter and all consonants to the next letter as per the English alphabetical series:

EDHHMMNON

Hence, only three letters E, D, and O are not repeating more than once in the above arrangement.

Sol 12.

Each vowel is replaced by the previous letter in the English alphabet:

O→N, U→T, E→D

Each consonant is replaced by the next letter in the English alphabet:

 $C \rightarrow D$, $N \rightarrow O$, $Q \rightarrow R$, $R \rightarrow S$

Therefore, the replaced alphabets are N, T, D, O, R, S and D. Arranging them in alphabetical order we get 'DDNORST'. Clearly, O is the fourth letter from the left.

Sol 13.

First, third, seventh and the eleventh letters of the word 'SUPERSTITION' are S, P, T and O respectively. The words that can be formed with S, P, T and O = SPOT, POST, STOP, TOPS, POTS

More than one such word can be formed.

Hence, 'X' is the answer.

Sol 14.

Given Word: OBSOLETE

2nd letter = B; 4th letter = O; 7th letter = T; 8th letter = E

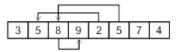
Letters given: BOTE

Possible words: No such word can be made

Hence, no such word can be made, and the answer is X.

Sol 15.

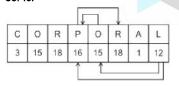
Given number: 35892574



Hence, three such pairs are there in the number '35892574', each of which has as many digits between them in the number (both forward and backward direction) as they have between them in the Numeric Series.

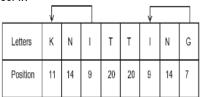
Hence, the correct answer is 3.

Sol 16.



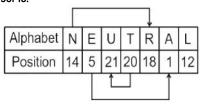
Forward direction → PR.
Backward direction → LO, LP, OP.
Clearly, 4 such pairs i.e. LO, LP, OP, PR are there.
Hence, more than three is the correct option.

Sol 17.



There are two such words, Backward: IK and GI. Hence, two is the correct answer.

Sol 18.



From the above diagram, we could see that there are 3 sets of alphabets, which has as many letters between them in the word as they have between them in the English alphabetical series.

Sol 19.

Given Word: SWITZERLAND

Each alphabet in the word is arranged in alphabetical order from left to right.

⇒ (Left) ADEILNRSTWZ (Right)

Each vowel of the word is changed to the next letter in the English alphabetical series and each consonant is changed to the previous letter.

⇒ (Left) BCFJKMQRSVY (Right)

Letter from third to the left = F

TRICK:

Arrange only first three letters that would come at the starting, i.e:ADE

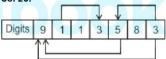
Change as per the operation:

i.e. Vowel ⇒ Vowel + 1

Consonant \Rightarrow consonant - 1

we get, BCF, the third letter from left is: F

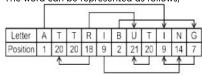
Sol 20.



Hence, More than three such pairs are there in the number '9113583', each of which has as many digits between them in the number (both forward and backward direction) as they have between them in the Numeric Series.

Sol 21.

The word can be represented as follows,



We get 7 such pairs.

FORWARD direction: "AI", "RU", "IN", and "BG". BACKWARD direction: "RT", "TU", and "GI".

hence, the correct answer is "More than three".

Sol 22.

Given words: MUL TAB NUR OTN GIB

The first letter of the word which is second from the left \rightarrow TAB \rightarrow

The third letter of the word which is second from the right \rightarrow OTN \rightarrow N

Letters are there in the alphabetical series between N and T = N O P Q R S T

Hence, there are five letters between the third letter of the word which is second from the left and the third letter of the word which is second from the right of the given word.

Sol 23.

Given words: MUL TAB NUR OTN GIB



1) If the first alphabet in each of the word is changed to the next alphabet in the English alphabetical order Actual words: MUL TAB NUR OTN GIB

Corresponding change: NUL UAB OUR PTN HIB

Hence, 'two' words having two vowels will be formed.

Sol 24.

If the given words are arranged in order as they would appear in a dictionary from left to right

Corresponding change: GIB MUL NUR OTN TAB

Hence, 'NUR' is in the middle after the new arrangement.

Sol 25.

If the position of first and last alphabets of each word are interchanged

Given words: MUL TAB NUR OTN GIB

Corresponding change: LUM BAT RUN NTO BIG

Hence, 'more than three' meaningful words are formed.

LEVEL 2

26 - 149 Questions

Sol 26.

 10^{th} from the left \rightarrow E 8th from right → U

Terms between E and U are ES9U~IE2R&AVR4U and 2 is exactly in middle of them.

Sol 27.

⇒ tenth from right + fifth to left = fifteenth from right Clearly, 15th from the right is '2'.

Arrangement required: Vowel → Symbol → Number Clearly there is one such pair i.e. U * 7.

Arrangement required: Number → Consonant → Symbol Bold color elements in the above arrangement indicate vowels. A is the fifth vowel.

Clearly two such pairs are there i.e. 6 K Φ and 2 R &.

Sol 30.

Arrangement required: Symbol → Vowel → Consonant Given series is: 4 S H B H @ 6 K Φ E S 9 U ~ I E 2 R & A V R 4 U * 7 C 3 <u>\(\psi \ U \ H \)</u>

Clearly three such pairs are there i.e. Φ E S, & A V and ψ U H.

Sol 31.

One is added to all odd numbers and two is added to all even numbers:

834 720 968 482 656

Second lowest number is 656.

First and third digits of the second lowest number are 6 and 6. Sum of the first and the third digits of the second lowest number is 6 + 6 = 12.

Sol 32.

If the positions of the first and the second digits within each number are interchanged: 697

382 179 564 Highest number is 841.

Second highest number is 697.

Difference between the highest and the second highest number is 841 - 697= 144.

841

If the positions of the first and the third digits within each number are interchanged:

917 238 456 769 184

The lowest number is 184.

Second and third digits of the lowest number are 8 and 4.

Sum of the second and third digits of the lowest number is 8 + 4

Sol 34.

If 1 is subtracted from all odd digits within number and 1 is added to all even digits within number:

608 745

The second lowest number is 608.

Second and third digits of the second lowest number are 0 and

Sum of the second and third digits of the secondlowest number is 0 + 8 = 8.

Sol 35.

Given Series: 832 719 654 967 481 Positions of second and third digits are interchanged:

791 823 645 976 Third highest number is 791.

First and the second digits of the third highest number are 7 and

418

Sum of the first and the second digits of the third highest number is 7+9 = 16.

Sol 36.

Arrangement required: Number → Consonant → Number Given series is: C A 9 K 6 @ R U \$ 7 Y 2 S% P H # N F Q 8 L X 1€ B W 3 T 4 D G

There are therefore three such pairs, namely 9K6, 7Y2, 3T4. Hence, there are three such group present in given series.

Arrangement required: $K \rightarrow \rightarrow Consonant \rightarrow Symbol \rightarrow$ Consonant $\rightarrow \rightarrow W$

Clearly two pair i.e., S % P and H # N are between K and W which fulfil the given condition.

Hence, there are only two such pair present in the given mixed series.

Sol 38.

Arrangement required: Consonant → Number → Symbol Clearly two sets fulfil the given condition, i.e. K6@ and X1€. Hence, there are only two such group present in mixed series.

First symbol from right = €, second symbol = # \Rightarrow 3rd to the left of # = %

Clearly, 3rd to the left of the required symbol is '%'. Hence, % is desired answer.

Sol 40.

10th from the right \rightarrow X and 7th from left \rightarrow R

There are 15 terms between R and X, i.e. U \$ 7 Y 2 S % P H # N F

The middle will be the 8th term in this subset, which is clearly P. Hence, P is desired solution.

The arrangement given:

P5R1*EK4F9%DIM2B3%7HAW8·6UJ@VQ& 17th character from the left – 7th to its left = 10th character from

And '9' is 10th character from the left.

Sol 42.

The arrangement given:

P5R1*EK4F9%DIM2B3%7HAW8+6UJ@VQ& Clearly, 7 is exactly in the middle of D and U.

Sol 43.

Looking at the arrangement for each option we get the following

P5R1*EK4F9%DIM2B3%7HAW8+6UJ@VQ& 1) BM3: B, B - 2 place = M, B + 1 place = 3

2) KFE: K, K + 2 place = F, K - 1 place = E

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3) 6J·: 6, 6 + 2 place = J, 6 - 1 place = · 4) 15*: 1 - 2 place = 5, 1 + 1 place = * 5) 9D4: 9 + 2 place = D, 9 - 2 place = 4 Hence 9D4 does not belong to the group.

Sol 44.

The arrangement given:

P 5 R 1 * E^- K 4 F 9 $^{\circ}$ W D I M 2 B 3 % 7 H A W 8 \cdot 6 U J @ V Q & Clearly, '*', '%' and ' \cdot ' are preceded by a number but not succeeded by a consonant.

Sol 45.

There are no such consonants which are immediately succeeded by another consonant but not immediately preceded by a symbol.

Sol 46.

Given series:

(Left Side) 5 T @ 1 E F © 2 K L % 5 6 B I M 3 * S T Y 5 \$ 9 G J # K A (Right Side)

As, Left - Left = Left

 19^{th} from the Left - 8^{th} from the Left = 11^{th} from the Left Clearly, 11^{th} from the Left is %.

Sol 47.

Required pattern: Letter \rightarrow Consonant \rightarrow Number 5 T @ 1 E F © 2 K L % 5 6 B I M 3 * S T Y 5 \$ 9 G J # K A Hence, there are two consonants which are immediately preceded by a letter and followed by a number: I M 3 and T Y 5.

Sol 48

1) If the order of the last 15 elements is reversed: $5 T @ 1E F @ 2 K L \% 5.6 B A K # J G 9 $ 5 Y T S * 3 M I 2) <math>12^{th}$ from the left + 5^{th} to the right of 12^{th} from the left. Clearly, 17^{th} from the left is #.

Sol 49

Here, the sequence is formed by leaving one element: \rightarrow 5 @ E, © K %, <u>6 | 3</u>, S Y \$ \rightarrow E + 2 = ©, % + 2 = 6 , 3 + 3 = S (as per the given series) According to the pattern followed, 6 | 3 should replace the question mark (?).

Sol 50.

1) If all the numbers are removed: T @ E F \odot K L % B I M * S T Y \$ G J # K A 2) 14^{TH} element from the left end is T. Hence, the answer is T.

Sol 51.

A, I, E, O and U are the vowels and the rest alphabets are consonants.

After replacing, the consonants by its succeeding alphabet we get,

Given words: FMOR OWRD XNTV SWON HUFR
After replacing: GNOS OXSE YOUW TXOO IUGS
Thus, there are four words OXSE, YOUW, TXOO and IUGS
contains at least two vowels.

Sol 52.

After rearrangement: FORM WORD - SNOW - Thus, in the above given options the word 'SWON' after rearrangement forms 'SNOW'.
Thus, 'SWON' makes the meaningful word 'SNOW'.

Sol 53.

After arranging alphabetically: FMOR DORW NTVX NOSW FHRU

Thus, none of the given words begin with a vowel after arranging the alphabets in the given words alphabetically.

Sol 54

After arranging alphabetically: FMOR DORW NTVX NOSW FHRU

Order of dictionary: DORW FHRU FMOR NOSW NTVX Thus, the word 'FHRU' will be fourth from the right.

Sol 55.

After rearrangement: FORM, FROM, WORD, SNOW, OWNS Thus, five meaningful words can be formed after rearranging the above given words.

Sol 56.

Given series: 421 509 606 525 339 On interchanging first and second digit of the given numbers we get:

421 becomes 241 509 becomes 059 606 becomes 066 525 becomes 255 339 becomes 339

Arrange it in decreasing order as given below:

339 255 241 066 059

Smallest number is 059 which was originally 509.

Sol 57.

On adding hundreds digit and tenths digit and multiplying it with ones digit we get,

6 45 36 35 54 421 becomes (4 + 2) × 1 = 6 509 becomes (5 + 0) × 9 = 45 606 becomes (6 + 0) × 6 = 36 525 becomes (5 + 2) × 5 = 35 339 becomes (3 + 3) × 9 = 54

Except 35, all other numbers are divisible by 3. Since 35 is not divisible by 3, 3 cannot be its factor. 35 is obtained from 525.

Sol 58

On subtracting the smallest digit from the sum of other two digits from every number, we get,

5 14 12 8 9 421 becomes (4 + 2) - 1 = 5 509 becomes (5 + 9) - 0 = 14 606 becomes (6 + 6) - 0 = 12 525 becomes (5 + 5) - 2 = 8 339 becomes (3 + 9) - 3 = 9

The only prime number is 5 which is obtained from 421.

Sol 59.

Adding units digit and tens digit of all five numbers, we get sum = 1+2+9+0+6+0+5+2+9+3=37Now add hundreds digit of all numbers to get sum = 4+5+6+5+3=23

The resultant = 37 - 23 = 14.

Sol 60.

On interchanging the first and third digits, the number which remains unchanged are:

606 525

Hence, 606 & 525 is the correct answer.

Sol 6

Interchanging first and third letter we get TAB XIM BOJ MEG PAT TAB and PAT are meaningful words. Hence, the correct answer is two.

Sol 62.

Following the given condition, we get AAS LIW IOA FEL SAO Only AAS contains the same vowel. Hence, the correct answer is one.

Sol 63.

Arranging the words in dictionary order we get

BAT GEM JOB MIX TAP

The third word from right end is JOB.

Hence, JOB is the answer.

Sol 64.

Arranging the words according to alphabetical series
ABT IMX BJO EGM APT
Interchapping first and second letter we get

Interchanging first and second letter we get BAT MIX JBO GEM PAT

Clearly, we get four meaningful words.

Hence, more than three is the answer.

Sol 65.

Arranging the letters according to the alphabetical order A A B B E G I J M M O P T T X Eighth alphabet from left is J. Hence, J is the answer.

Sol 66.

The odd number followed by even numbers in the sequence are: Left Side $9\,\underline{7}\,\underline{6}\,9\,\underline{7}\,\underline{2}\,4\,5\,\underline{9}\,\underline{2}\,7\,\underline{2}\,4\,6\,9\,\underline{7}\,\underline{8}\,6\,5\,3\,\underline{7}\,\underline{8}\,9\,\underline{7}\,\underline{6}\,5\,\underline{3}\,\underline{4}\,2\,8\,4\,\underline{7}\,\underline{8}\,4\,\underline{5}\,\underline{6}$ Right Side

Thus, the correct answer is Ten..

Sol 67.

Left Side 9 7 6 9 7 2 <u>4 5 9</u> 2 7 2 4 6 9 7 8 6 5 3 7 8 9 7 6 5 3 4 2 8 4 7 8 4 5 6 Right Side

Clearly, there is one 5 preceded by 4 and followed by 9.

Thus, the correct answer is One.

Sol 68.

Left Side 9 7 6 9 7 2 4 <u>5</u> 9 2 7 2 4 6 9 7 8 6 <u>5</u> 3 7 8 9 7 6 <u>5</u> 3 4 2 8 4 7 8 4 <u>5</u> 6 Right Side

Thus, the correct answer is Four.

Sal 69

Left Side 9 7 6 9 7 2 4 5 9 2 7 2 4 6 9 7 8 <u>6 5</u> 3 7 8 9 7 <u>6 5</u> 3 4 2 8 4 7 8 4 <u>5 6</u> Right Side

Clearly, 6 and 5 have appeared three times together in the given number series.

Thus, the correct answer is Three.

Sol 70.

Left Side 9 7 <u>6 9 7</u> 2 4 5 9 2 7 2 4 <u>6 9 7</u> 8 6 5 3 7 8 9 7 6 5 3 4 2 8 4 7 8 4 5 6 Right Side

Thus, the correct answer is None.

Sol 71.

Given words are: BKOQ DEFS RPAC TUWJ

1) On arranging alphabets within the word in reverse English alphabetical order:

QOKB SFED RPCA WUTJ

2) Clearly, 4 words begin with consonant.

Note: In English alphabetical series there are 5 vowels i.e. A, E, I, O, U else all are consonants.

Hence, 4 words are beginning with consonant.

Sol 72.

1) On changing all the alphabets in the words to next alphabets as per English alphabetical order:

CLPR EFGT SQBD UVXK

2) Clearly 4th word from left having one vowel.

Note: In English alphabetical series there are 5 vowels i.e. A, E, I, O, U else all are consonants.

Hence, 4th word from left having only one vowel.

Sol 73.

1) On arranging words in the order as they appear in a dictionary from right to left we get:

Left side TUWJ RPAC DEFS BKOQ

Hence, DEFS is 3rd from the left.

Sol 74.

On changing consonants to next letter and vowel to previous letter as per English alphabetical series we get:

CLNR EDGT SQZD UTXK

Note: In English alphabetical series there are 5 vowels i.e. A, E, I, O, U else all are consonants.

Hence, two words have vowels.

Sol 75.

2nd from left is DEFS and its 3rd letter is F 1st from right is TUWJ and its 3rd letter is W

Vowels between F and W as per English alphabetical series are 3 i.e. I, O, U.

Hence, three is the correct answer.

Note: Make a note that here the number of vowels in English Alphabetical Series is asked rather than in given series.

Sol 76

From this POURED word = 28 + 7 + 7 + 32 + 7 + 16 = 97Hence 'POURED' = 97.

Sol 77.

When all consonant are sequentially given values of even number and all the vowels are given the value of 7 each table will be

From the given sequence

I TOTTI CITE	9		4	0110									
Alphabet	\supset	S	ш	F	Т	\neg	Α	S	ш	S	_	D	G
Value	7	2	7	4	6	8	7	10	12	14	7	16	18
Alphabet	F	J	L	0	L	Р	T	R	G	Υ	Q	Α	1
Value	20	22	24	7	26	28	30	32	34	36	38	7	7

ROPED = 32 + 7 + 28 + 7 + 16 = 90

Hence ROPED = 90.

Sol 78.

From the given sequence

Alphabet	U	S	Ε	F	Т	J	Α	S	F	S	-	D	G
Value	1	2	3	4	5	6	7	8	9	10	11	12	13
Alphabet	F	J	L	0	L	Р	Т	R	G	Υ	Q	Α	T
Value	14	15	16	17	18	19	20	21	22	23	24	25	26

TSA \rightarrow T + 3 = S, S - 1 = K

UFA \rightarrow U + 3 = F, F + 3 = A

 $PGA \to P + 3 = G, G + 3 = A$

 $FOT \rightarrow F + 3 = 0, O + 3 = T$

Hence, TSA is different from other groups.

Sol 79.

When arranged in alphabetical order we get:

· · · · · · · · · · · · · · · · · · ·	91.19	-		,,	.00	00,0	, 0, 0		,, ,,	9	<u>с.</u>		
Alphabet	Α	В	U	Δ	Е	H	G	Ι	_	\neg	K	Ш	Μ
Value	1	2	თ	4	5	6	7	8	9	10	11	12	13
Alphabet	Ν	0	Р	a	R	S	Т	U	٧	W	Χ	Υ	Z
Value	14	15	16	17	18	19	20	21	22	23	24	25	26

As we can see only T is the alphabet at the same place. Hence correct answer is 1.

Sol 80.

Now 12 + 11 = 23

At place 12 consonant D is present and it is immediately preceded by vowel I.

Hence answer is D.

Sol 81.

On adding the digits:

 $758 \rightarrow 7 + 5 + 8 = 20$

 $839 \rightarrow 8 + 3 + 9 = 20$

 $246 \rightarrow 2 + 4 + 6 = 12$ $197 \rightarrow 1 + 9 + 7 = 17$

 $564 \rightarrow 5 + 6 + 4 = 15$

12 is the lowest number after adding all digits of numbers. Thus, 246 is the correct alternative

After arranging in descending order from left to right: 839 758 246

Here, 564 is the third number from the right end. Hence, the answer is 564.

Given Series: 758 839 246 197 564

Odd numbers: 839, 197 Even numbers: 758, 246, 564

On adding 1 to the first digit of odd numbers and 2 to the first digits of even numbers: 958 939 446 297 Here, in 939 and 446 the digits are repeating more than once. Hence, the answer is 'Two'.

Given Series: 758 839 246 197 564 After interchanging first and third digits: 857 938 642 465

Here, 791 is the third largest number. Hence, 197 is the correct answer.

Sol 85.

1) Symbols which are immediately followed by a consonant but not preceded by another symbol:

Condition to be checked:

Not symbol → Symbol → Consonant # 6 B G @ I L 7 3 H A % © D F K E 8 J Q <u>1 * V</u> T U <u>2 \$ W</u> Here there are 2 Symbols which is immediately followed by a consonant but not preceded by another symbol: 1 * V, 2 \$ W. Hence, there are 2 symbols which is immediately followed by a consonant but not preceded by another symbol.

Mistake Point

- 1. Immediately preceded by means immediately before or to come just before.
- 2. Immediately followed by means immediately after or to come just after.
- 3. Here, G @ I will not followed this condition and I is a vowel not consonant.

Sol 86.

Here the group is formed in which second element is to the immediate left of the first element, and the third element is immediate right of the first element.

Left Side # 6 B G @ I L 7 3 H A % © D F K E 8 J Q 1* V T U 2 \$ W

Hence, I L @ does not belong to the group.

Sol 87.

BG:L7::A%:?

Clearly, the logic behind this is; the elements are neighbors and there are 2 spaces between two groups of neighbors. Hence, the next term is FK.

1) If all the numbers are dropped:

#BG@ILHA%©DFKEJQ*VTU\$W

2) Fifth to the left of eleventh from the left.

As, Left – Left = Left 11th from the left – 5th from the left = 6th from the left Clearly, 6th from the left is L.

Then, letter/ Symbol that is fifth to the left of eleventh from the left is 'L'.

Sol 89.

Given series:

Left Side # 6 B G @ I L 7 3 H A % © D F K E 8 J Q 1 * V T U 2 \$ W Right Side

1) Vowels which are immediately followed by a symbol and also immediately preceded by a consonant:

#6BG@IL73HA%©DFKE8JQ1*VTU2\$W Hence, there is 1 Vowel which is immediately followed by a symbol and also immediately preceded by a consonant: ΗA%

Sol 90.

Given series:

Left side 4 3 1 5 7 8 3 1 6 2 9 7 1 2 1 3 5 2 6 8 6 5 4 3 2 1 3 8 7 Right

1) Odd numbers which are immediately preceded by a perfect sauare are:

43157831629712135268654321387

Hence, there are six odd numbers which are immediately preceded by a perfect square.

NOTE: 1 is also a perfect square.

Sol 91.

1) Number which is seventh to the right of tenth number from the

Firstly, Element which is tenth from the left 43157831629712135268654321387 Now, seventh element from the right of '2'

43157831629712135268654321387 Hence, '5' will be seventh to the right of tenth number from the left.

Sol 92.

1) All the even numbers are dropped Series after deleting all even numbers

Left side 3 1 5 7 3 1 9 7 1 1 3 5 5 3 1 3 7 Right side

2) Number which is ninth to the left of fifteenth number from the left

Firstly, fifteenth number from the left end 31573197113553137

Now, ninth to the left of '1' 31573197113553137

Hence, if all even numbers are dropped '1' will be ninth to the left of fifteenth number from the left.

1) Odd numbers are there which are immediately preceded by perfect cube and followed by perfect square Left side 4 3 1 5 7 8 3 1 6 2 9 7 1 2 1 3 5 2 6 8 6 5 4 3 2 1 3 8 7 Right

 $8 = 2^3$ and $1 = 1^2$

Hence, there is one such odd number.

1) Consonants are there in the given alphabetical sequence each of which is immediately preceded and followed by a vowel. CUEBCDABIAEĠMUOPQFHIJLMKQPOMIU Hence, 'two' consonants are there which are immediately preceded and followed by a vowel.

Sol 95.

1) If all M's are dropped then the element which is twelfth from the right end is:

CUEBCDABIAEGUOPQFHIJLKQPOIU Hence, if all M's are dropped from the given arrangement then 'Q' is the twelfth element from the right end.

See the 12th element from right end : I Check how many M till 12th elements: 2 M Move 2 elements beyond I in right omitting M: Q Hence, the correct answer is Q.

Sol 96.

1) Sixth to the left of the seventeenth from the left end of the above sequence

Firstly, an element which is seventeenth from the left CUÉBCDABIAEGMUOPQFHIJLMKQPOMIU Now element which is sixth to the left of 'Q' CUEBCDABIAEGMUOPQFHIJLMKQPOMIU Tips:

We know,

Left & left = Second left - First left

Sixth to the left of the seventeenth from the left end = 17^{th} from left – 6^{th} from left = 11 from the left = E.

Hence, 'E' is Sixth to the left of the seventeenth from the left end.

Sol 97

1) If last half of the series is reversed

Series: CUEBCDABIAEGMUOUIMOPQKMLJIHFQP

2) The element which is seventh from the right end Series: C U E B C D A B I A E G M U O U I M O P Q K M L J I H F

Series: C U E B C D A B I A E G M U O U I M O P Q K M L J I H F Q P

Hence, If the last half of the series is written in reversed order 'L' is seventh from the right end.

Sol 98.

1) If '1' is subtracted from the last digit of each number Actual Numbers: 347 643 468 982 586 Corresponding results: 346 642 467 981 585 Hence, three such numbers are formed which is divisible by 3.

Sol 99.

1) If in each number the positions of first and last digits are interchanged

Actual Numbers: 347 643 468 982 586 Corresponding results: 743 346 864 289 685 Hence, '982' will be the smallest number after interchanging the positions of first and last digits in each number.

Sol 100.

1) All the numbers are arranged in descending order from left to right

Numbers arranged in descending order: 982 643 586 468 347 2) Sum of digits which is exactly in the middle of the new arrangement

586 is in the middle, sum of digits = 5 + 8 + 6 = 19

Sol 101.

Highest number: 982 Lowest number: 347

The first digit of highest number = 9

The first digit of lowest number = 3

Result when the first digit of the highest number is divided by the first digit of lowest number = 9/3 = 3

Sol 102.

1) If all digits in each number are arranged in ascending order within the number

Actual Numbers: 347 643 468 982 586 Corresponding results: 347 346 468 289 568

Hence, '643' will form the second lowest number after the new arrangement.

Sol 103.

1) If the last alphabet in each of the word is changed to the next alphabet in the English alphabetical order.
Actual words: MAD BAT PEN ZIP NOT
Corresponding result: MAE BAU PEO ZIQ NOU
Hence, option 5) is correct.

Sol 104.

1) If the first alphabet is changed to the next alphabet in the English alphabetical order and the second alphabet is changed to the previous alphabet in the English alphabetical order. Actual words: MAD BAT PEN ZIP NOT New arrangement: NZD CZT QDN AHP ONT Hence, three words thus formed have no vowel after a new arrangement.

Sol 105.

1) If the given words are arranged in order as they would appear in a dictionary from left to right

New arrangement: BAT MAD NOT PEN ZIP

Hence, 'MAD' is second from the left after the arrangement.

Sol 106.

1) If '1' is added to the last digit of each number Actual Numbers: 287 894 769 923 456 Corresponding results: 288 895 770 924 457 Hence, two such numbers are formed which is divisible by 4.

Sol 107.

1) If in each number the positions of first and second digits are interchanged

Actual Numbers: 287 894 769 923 456 Corresponding results: 827 984 679 293 546 The second highest number formed = 827 Sum = 8 + 2 + 7 = 17

Sol 108.

1) If all digits in each number are arranged in ascending order within the number

Actual series: 287 894 769 923 456

Numbers arranged in ascending order: 278 489 679 239 456 Hence, '456' will be the third highest number after the new arrangement.

Sol 109.

Highest number: 923 Lowest number: 287

The second digit of the highest number = 2

The first digit of the lowest number = 2

Result if the second digit of the highest number is multiplied by the first digit of the lowest number = $2 \times 2 = 4$

Hence, the result will be '4' if the second digit of the highest number is multiplied by the first digit of the lowest number.

Sol 110

Given Series: Left side 3 C M $\$ A 21B 3 $\$ D 5 8 $\$ F $\$ @ U 9 H 7 W S 4 L $\$ 3 8 $\$ K Right side

1) Letters are there in the series each of which is immediately preceded and followed by an odd number 3 C M \$ A 2 1 B 3 & D 5 8 & F % @ U 9 H 7 W S 4 L ¥ 3 8 £ K Hence, 'two' letters are there in the series each of which is immediately preceded and followed by an odd number.

Sol 111.

1) If all the symbols in the above arrangement are deleted then the element which is seventh from the right end. $3 \, \text{C} \, \text{M} \, \text{A} \, 2 \, 1 \, \text{B} \, 3 \, \text{D} \, 5 \, 8 \, \text{F} \, \text{U} \, 9 \, \text{H} \, 7 \, \text{W} \, \text{S} \, 4 \, \text{L} \, 3 \, 8 \, \text{K}$ Hence, if all the symbols in the above arrangement are deleted then 'W' is is seventh from the right end.

Sol 112

1) Numbers are there in the series each of which is immediately followed by symbol and preceded by a letter 3 C M \$ A 2 1 B 3 & D 5 8 & F % @ U 9 H 7 W S 4 L ¥ 3 8 £ K Hence, only 'one' number is there in the series each of which is immediately followed by a symbol and preceded by a letter.

Sol 113.

1) Eighth to the left of the tenth element from the right end Firstly, the tenth element from the right end 3 C M \$ A 2 1 B 3 & D 5 8 & F % @ U 9 H 7 W S 4 L ¥ 3 8 £ K Now, eighth to the left of '7'

3 C M \mathsection A 2 1 B 3 & D 5 8 & F % @ U 9 H 7 W S 4 L \mathsection L \mathsection 4 the left of the tenth element from the right end.

Sol 114.

1) If first eighteen elements are reversed U @ % F & 8 5 D & 3 B 1 2 A \$ M C 3 9 H 7 W S 4 L ¥ 3 8 £ K 2) Fifteenth element from the right end in the above sequence U @ % F & 8 5 D & 3 B 1 2 A \$ M C 3 9 H 7 W S 4 L \pm 3 8 £ K Hence, 'M' will be the fifteenth element from the right end.

Sal 115

1) If the second alphabet is changed to the next alphabet in the English alphabetical order and the last alphabet is changed to the previous alphabet in the English alphabetical order Actual words: SUB DMU BAR APL DNA Corresponding change: SVA DNT BBQ AQK DOZ Hence, 'two' words thus formed having no vowel.

Sol 116.

1) If the given words are arranged in order as they would appear in a dictionary from left to right Corresponding change: APL BAR DMU DNA SUB Hence, 'DMU' is in the middle after the new arrangement.

Sol 117.

The third letter of the word which is first from the left \rightarrow SUB \rightarrow B The first letter of the word which is first from the right \rightarrow DNA \rightarrow D

Letters are there in the alphabetical series between B and D = B C D $\,$

Hence, only one letter is there between the third letter of the word which is first from the left and the first letter of the word which is first from the right of the given word.

Sol 118

1) If the first alphabet in each of the word is changed to the next alphabet in the English alphabetical order Actual words: SUB DMU BAR APL DNA Corresponding change: TUB EMU CAR BPL ENA Hence, 'two' words having two vowels will be formed.

Sol 119.

Given words: SUB DMU BAR APL DNA

1) If the position of first and last alphabets of each word are interchanged

Actual words: SUB DMU BAR APL DNA

Corresponding change: BUS UMD RAB LPA AND

Hence, SUB and DNA both would form meaningful words with the new arrangement.

Sol 120.

1) Vowels which are immediately preceded by a number and followed by a perfect square 8 5 F M % V 2 E 17 K M I 4 & @ 6 N 4 U 9 @ Q \$ © 3 A € 5 2 Hence there are only 'two' vowels which are immediately preceded by a number and followed by a perfect square.

Sol 121.

1) Numbers are there which is immediately preceded by a vowel and followed by a symbol

8.5 F M % V 2 E 17 K M I 4 & @ 6 N 4 U 9 @ Q \$ © 3 A € 5 2 Hence, there are only 'two' numbers which are immediately preceded by a vowel and followed by a symbol.

Sol 122

1) If all symbols are dropped, the series will be 8.5 F M V 2 E 1.7 K M I 4.6 N 4 U 9 Q 3 A 5.2

2) The element which is sixth from the left of the twelfth element from the left.

Firstly, Element which is twelfth from the left end 8.5 F M V 2 E 1.7 K M I 4.6 N 4 U 9 Q 3 A 5.2 Now 6^{th} element from the left of 'I' 8.5 F M V 2 E 1.7 K M I 4.6 N 4 U 9 Q 3 A 5.2

Hence '2' is sixth from the left of the twelfth element from the left.

Sol 123.

1) First eighteen elements in the above sequence are written in reverse order

N 6 @ & 4 I M K 7 1 E 2 V % M F 5 8 4 U 9 @ Q \$ © 3 A € 5 2

2) Now the seventh position from the left end

N 6 @ & 4 I M K 7 1 \dot{E} 2 V % M F 5 8 4 U 9 @ Q \dot{S} © 3 A \dot{E} 5 2 Hence after reversing first eighteen elements 'M' is at the seventh

position from the left end.

Sol 124.

The pattern is: element \rightarrow second to the left of element \rightarrow second to the right of the element. All follow the above pattern except '3 \in \$' Hence '3 \in \$' does not belong to the given group.

Sol 125.

Given words: EAL HIN ICK LIM PAL

The first letter of the word which is second from the left \rightarrow HIN \rightarrow H

The third letter of the word which is third from the right \rightarrow ICK \rightarrow

Letters are there in the alphabetical series between H and K = H I J K $\,$

Hence, two letters are there between the first letter of the word which is second from the left and the third letter of the word which is third from the right.

Sol 126

1) If 'S' is added to each of the given words Actual words: EAL HIN ICK LIM PAL Corresponding words: SEAL SHIN SICK SLIM SPAL Hence, four meaningful words thus formed.

Sol 127.

If the last alphabet in each of the word is changed to the previous alphabet in the English alphabetical order Actual words: EAL HIN ICK LIM PAL Corresponding change: EAK HIM ICJ LIL PAK Hence, 'one' word having more than one vowel will be formed.

Sol 128

1) If in all the given words vowels are changed to previous alphabets and consonant are changed to the next alphabet in English alphabetical order Actual words: EAL HIN ICK LIM PAL

Corresponding change: DZM IHO HDL MHN QZM Hence, one word thus formed have at least one vowel.

Sol 129

1) If the position of first and last alphabets of each word are interchanged Given words: EAL HIN ICK LIM PAL Corresponding change: LAE NIH KCI MIL LAP Hence, 'two' words end with a vowel.

Sol 130.

1) If $^{\prime}2^{\prime}$ is subtracted to each of the digits which is greater than 5 of all the numbers,

Actual Numbers: 782 327 564 468 935 Corresponding results: 562 325 544 446 735

Hence, '782' obtained the second-highest number after the arrangement.

Sol 131.

The highest number = 935
The lowest number = 327
The first digit of the highest number = 9
The first digit of the lowest number = 3
After dividing result = 9/3 = 3

Hence, if the first digit of the highest number is divided by the first digit of the lowest number then the resultant value will be '3'.

Sol 132.

1) If '1' is added to the last digit of each number Actual Numbers: 782 327 564 468 935 Corresponding results: 783 328 565 469 936

Hence, only two numbers are there thus formed divisible by three.

Sol 133.

1) If all digits in each number are arranged in ascending order within the number

Given series: 782 327 564 468 935

Numbers arranged in ascending order: 278 237 456 468 359 Hence, one number is the same as the actual number after the arrangement.

Sol 134.

1) If all the numbers are arranged in ascending order from left to riaht

New arrangement: 327 468 564 782 935

Hence, the number that will second from the left '468'

Given series: MFJOLQWERTYUPAHDGINXZCVBS

1) Vowels which is immediately followed by a letter which comes after 'M' in alphabetical series

MFJOLQWERTYUPAHDGINXZCVBSK

Hence there are 'three' vowels which are immediately followed by a letter which comes after 'M' in alphabetical series.

Firstly element which is seventh from the right MFJOLQWERTYUPAHDGINXZCVBSK Now, element which is tenth to the left of 'X' MFJOLQWERTYUPAHDGINXZCVBSK Hence, 'T' is tenth to the left of the seventh from the right end..

Sol 137.

1) If all vowels are dropped the series will be: Given series: MFJLQWRTYPHDGNXZCVBSK 2) The element which is twelfth from the left end. MFJLQWRTYPHDGNXZCVBSK Hence 'D' is twelfth from the left end.

Sol 138.

First	Immediate left of the first	Immediate right of the first
element	element	element

All follow the above pattern except 'QEL' Hence, 'QEL' is an odd one out.

1) element which is eleventh from the left end and six from the riaht end

MFJOLQWERTYUPAHDGINXZCVBSK 2) element which is in the middle of 'Y' and 'Z' MFJOLQWERTYUPAHDGINXZCVBSK Hence, 'D' comes in the middle of the element which is eleventh from the left end and six from the right end.

Sol 140.

Only vowel A is followed by vowel U.

Hence, only one vowel in the series is immediately followed by another vowel.

Sol 141.

First vowel from the right end: E The letter third to the right of E: X. Hence, 'X' is the correct answer.

Sol 142.

New Arrangement: Left Side: ABCDEFGHIJKLMNOPQRSTUVWXYZ: Right Side

Hence, the only letter which does not change its position is V.

Sixth letter from the right end: K Seventh letter from left end: S

In the English alphabetical series, there are seven letters between K and S.

Sol 144.

1) O + 1 \rightarrow N; N + 2 \rightarrow Q

2) $X + 1 \rightarrow J$; $J + 2 \rightarrow K$

3) D + 1 \rightarrow 1; I + 2 \rightarrow O

4) R + 1 \rightarrow B; B + 3 \rightarrow Z

5) $J + 1 \rightarrow C$; $C + 2 \rightarrow V$

Hence, 'RBZ' is the correct answer.

Sol 145.

1) M is added at the end of each word KEYM TEAM PAYM USEM MADM

Meaningful words: TEAM

Hence, "One" is the correct answer.

Sol 146.

1) The third letter of the fourth word from the left end: E Left End KEY TEA PAY USE MAD Right End

2) The second letter of the third word from right end: A

Left End KEY TEA PAY USE MAD Right End The letter comes between A and E in English alphabetical series are B, C, and D.

Hence, three is the correct answer.

Sol 147.

1) If the first letter of each word is placed after the last letter of each word

EYK EAT AYP SEU ADM

2) Meaningful words: EAT

Hence, One is the correct answer.

Given words are: KEY TEA PAY USE MAD

1) All the alphabets are arranged in the English alphabetical

order within a word, EKY AET APY ESU ADM Word End with a vowel: ESU

Hence, "One" is the correct answer.

1) Words are arranged in order as they would appear in the dictionary from right to left

USE TEA PAY MAD KEY

2) The second word from the left end: TEA

Hence, "TEA" is the correct answer.

LEVEL 3

150 - 233 Questions

First word: 2nd letter = M; 3rd letter = P; Second word: 1st letter = D; 2nd letter = A Letters given: MPDA Possible words: DAMP (slightly wet) Hence, the correct answer is P.

Sol 151.

Given word: CLIPBOARD

Letter of word arranged in alphabetical order from left to right. ⇒ (Left) ABCDILOPR (Right)

All the consonants are replaced with the next alphabet and vowel remain same

⇒ (Left) ACDEIMOQS (Right)

Hence, fourth letter from right end is M.

Sol 152.

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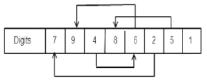
Given Word	PRECARIOUS
Chosen Letters	PRECA
Possible words	RECAP, PACER, CRAPE
More than one word	Υ

Sol 153.



Hence, three pairs are three pairs in the word 'EXTRACTION', each of which has as many letters between them in the word (both forward and backward direction) as they have between them in the English Alphabet.

Sol 154.



Hence, there are four such pairs in the number '79486251', each of which has as many numbers between them (both forward and backward direction) as they have between them in the numerical series.

Sol 155.

Given words: ROCKET and SPACESHIP $1^{st, 3}_{-t, 4}$ $2^{th}_{-t, 4}$ and 6^{th} letter from the first word is: R, C, K, T

3rd, 5th, and 6th letter from the second word is: A, E, S

Combining and jumbling first and second word we get: R A C K E

TS, RESTACK, TACKERS, STACKER.

As more than one word can be formed the correct answer will be

Sol 156.

Given word:QUICKSTEP

2nd letter = U;

6th letter = S;

7th letter = T:

8th letter = E;

9th letter = P

Letters given: U, S, T, E, P

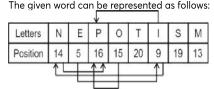
Possible words are: Upset, Setup and Stupe.

Since, three meaningful words can be made using the mentioned letters.

Hence, 'Y' is the correct answer.

Sol 157.

Given word: NEPOTISM



Thus, there are four pairs à Forward: NP, EI; Backward: IN, OP Hence, Four is the correct answer.

Sol 158.

			\checkmark						
Letters	F	Ι	R	Е	В	0	А	R	D
Position	6	9	18	5	2	15	1	18	4
	L				T				

Hence, two pairs are there in the word 'FIREBOARD', each of which has as many letters between them in the word (both forward and backward direction) as they have between them in the English Alphabet.

Sol 159.

Given word: UNEATABLE 2^{nd} letter = N; 5^{th} letter = T; 6^{th} letter = A; 9^{th} letter = E

Letters given: NTAE

Possible words: NEAT (tidv)

So, the second letter of the word from the left is E.

Hence, the correct answer is E.

Sol 160.

Number the letters of the word ARROGANCE as:

Α	R	R	0	G	Α	Ν	U	Ε
1	2	3	4	5	6	7	8	9

Now interchanging these numbers as per the question and we will get:

G	Α	Ν	C	Α	R	R	0	Е	I
5	6	7	8	1	2	3	4	9	I

Hence answer is GANCARROE.

Third, sixth, eight and eleventh letters of the word 'DISTINGUISH' is S, N, U, H

Only 1 word can be formed i.e., "SHUN"

Hence, "S" is the answer.

First, third, fifth and the eighth letters of the word

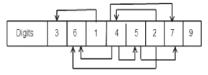
'RESTORATION' are R, S, O and T respectively. The words that can be formed with R, S, O and T = SORT, ROTS,

ORTS and TORS.

Four meaningful words can be formed. i.e. SORT, ROTS, ORTS and TORS.

Hence, X is the correct answer.

Sol 163



Hence, there are seven such pairs in the number '36145279', each of which has as many numbers between them (both forward and backward direction) as they have between them in the numerical series.

Sol 164.

The word is "SPLENDOR"

If we add 1 to vowels and subtract 1 from the consonants then we

S = S - 1 = R;

P = P - 1 = 0;

L = L - 1 = K; E = E + 1 = F;

N = N - 1 = M:

D = D - 1 = C;

O = O + 1 = P

R = R - 1 = Q;

The arrangement is = ROKFMCPQ After arranging in alphabetical order, CFKMOPQR

The fourth letter from the right side is O.

Sol 165.

The third, fifth, ninth and twelfth letters of the word 'COMPENSATION' are M, E, T and N. no such word can be formed. Hence, the correct answer is K.

Sol 166.

2nd letter = C; 4th letter = N; 5th letter = O; 6th letter = W; 7th letter = L

Letters given: CNOWL

Possible words: C L O W N (a comic entertainer)

Hence, only one word can be formed and the first letter of the word is "C".

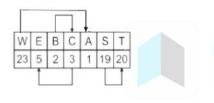
Sol 167.

Given Word: EXXAGERATE



Thus, there are only one such pairs \rightarrow Forward: RT; Backward: 0 Hence, '1' is the correct answer.

Sol 168.



Required pair of letters are "EC", "BC", "WA", and "ST". Hence there are more than three such pairs.

Sol 169.

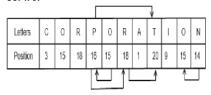
Given,								
Number	6	4	3	8	2	1	7	9
Position	_	=	Ξ	IV	٧	VI	VII	VIII

Now, arranging the given numbers in ascending order:-

Number	1	2	3	4	6	7	8	9
Position	1	=	\equiv	IV	٧	VI	VII	VIII

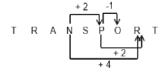
Only 3 and 9 don't change there position. Hence, answer is two.

Sol 170.



Hence, 'five' pairs are there in the word 'CORPORATION', each of which has as many letters between them in the word (both forward and backward direction) as they have between them in the English Alphabet.

Sol 171.



Hence, four pairs are there which has as many letters between them in the word (both forward and backward direction) as they have between them in the English Alphabet.

Sol 172.

The word can be represented as follows.



Hence, we get 4 such pairs 'NO', 'NT', 'OT' and 'NO'.

Sol 173.

Given word: CAPILLARITY



The given word can be represented as follows:

R – T, I – L are the two pairs that have as many letters between them as there are in the English alphabetical series.

Hence, the correct answer is 2.

Sol 174.

BRY: B - 2 = R, B + 2 = Y, EMN: E + 2 = M, E - 2 = N, XDH: X - 2 = D, X + 2 = H,OFR: O - 2 = F, O + 2 = R, YBK: Y - 2 = B, Y + 2 = KHence odd one is EMN.

Sol 175.

ZFJ: Z + 2 = F. Z + 1 = J.ZFJ is related to TSI, Z - 1 = T, TSI: T - 2 = S, T - 1 = ISimilarly, JPF: J + 2 = P, J + 1 = F,Then, J - 1 = Z, Z - 2 = I, Z - 1 = THence JPF is related to ZIT.

Sol 176

Letters between AH in series: 16 Letters between AH in English alphabets: 6 Letters between EL in series: 19 Letters between EL in English alphabets: 6 Letters between LS in series: 7 Letters between LS in English alphabets: 6 Letters between FO in series: 1 Letters between FO in English alphabets: 8 Letters between DH in series: 3 Letters between DH in English alphabets: 3 Hence answer is DH.

Sol 177.

Given Series	C	L	V	G	D	U	X	Q	Н	S	ı	T	Z	J	F	P	0	W	R	N	В	Е	Υ	М	K	A
Position Value of vowels					2	6	-				11						17					22				26

Addition of place value of vowels = 6 + 11 + 17 + 22 + 26 = 82Hence answer 82

Sol 178.

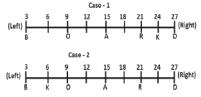
Given series: C L V G D U X Q H S I T Z J F P O W R N B E Y M K

Letter exactly in middle of V and Z is Q.

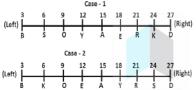
Letter tenth to the right of the Q is W.

Sol 179.

- 9 Multiple of 3 are: 3, 6, 9, 12, 15, 18, 21, 24, 27
- 1) First 9 multiple of 3 numbers are written from left to right.
- 2) The letters of word 'BOARD' are written in order against each of odd number (One letter against one number).
- 3) There are 2 letters between A and K



- 4) There are as many letters between K and E as between Y and
- 5) S is not against number 12.
- 6) There are 3 letters between S and E



7) Number which is against S is divisible by 4. (So here case – 1 will gets eliminated)



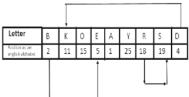
Above combination will be final.

Letters which are at even positions: 6, 12, 18, 24 respectively are K,

There is 1 meaningful words which can be formed from K, E, Y, S is KEYS.

Sol 180.

Word which results in final arrangement: "BKOEAYRS"



Forward Pair: BE, RS Backward Pair: DK Thus we get 3 pairs.

Sol 181.

Given group of letters: ROLL BASE NOSE DARE KITE The word 'NOSE' is third from the right end \rightarrow the third letter of the word is S.

The word 'DARE' is fourth from the left end → the third letter of the word is R

Thus, no letters are there between S & R as per the English alphabetical series.

Sol 182.

After arrangement:

BASE DARE KITE NOSE ROLL

Thus, the word 'DARE' will be the fourth from the right end.

Sol 183.

If arranged as per the question the new words formed will be: LOLR EASB EOSN EARD EITK

Thus, no meaningful word is formed in the new arrangement.

Sol 184.

The new words formed after the first alphabet in each of the words is changed:

SOLL CASE OOSE EARE LITE

Thus, two meaningful words will be formed in the new arrangement.

Sol 185.

After the arrangement the new words formed are:

QPKK ABRF MPRF CBQF JJSF

Thus, 'ABRF' is the only newly formed word with at least one vowel in it.

Sol 186.

Given group of letters:

FOR ODD AND BOB

The word 'AND' is second from the right end → the second letter of the word is N.

The word 'FOR' is first from the left end → the third letter of the word is R.

Thus, there are three letters between N & R as per the English alphabetical series.

Sol 187.

If arranged as per the question the new words formed will be: OFR DOD NAD OBB

Thus, no such meaningful word formed in the new arrangement.

Sol 188.

The new words formed after the third alphabet in each of the words is changed:

FOS ODE ANE BOC

Clearly, two such words thus formed having two alphabets as vowel

Sol 189.

After the arrangement the new words formed are: GOS OEE AOE COC

As all the words formed have at least one vowel in it thus, no such word is there which does not have any vowel.

Sol 190.

After arrangement:

AND BOB FOR ODD

Thus, the word 'FOR' will be the third from the left end.

Given Input: @ M 3 6 P % 9 K T Q 5 C \$ 8 A # 7 D S * H 2 W Z Step 1: @ M 3 6 P % K T Q 5 C \$ A # D S * H 2 W Z 7 8 9 Step 2: @ 3 M 6 <u>P %</u> K T 5 Q <u>C \$ A</u># D <u>S *</u> H 2 W 7 Z 9 8 Step 3: @ 3 M 6 % K T 5 Q \$ # D * H A C P S 2 W 7 Z 9 8 Seventh to the right of the element which is Tenth from the left end means = $(10 + 7) = 17^{th}$ from the left end. Thus, P is 17^{th} from the left end.

Sol 192.

Numbers which are immediately followed and immediately preceded by an alphabet in step-3 is:

@ 3 M 6 % K T <u>5</u> Q \$ # D * H A C P S <u>2</u> W <u>7</u> Z 9 8

Hence, there are three numbers.

Sol 193.

After removed the all symbols from the step -3, we get <u>3 M 6 K T 5 Q D H</u> A <u>C P S 2 W 7 Z 9 8</u>

Thus, A is the element which is present in the Middle of the

Hence, the answer is A.

Given Input- (\$ 0 A B E 3! @ V 7 Q # 1 S I 9 & A Z 2 4 G 4 %) Step 1: Those consonants which are immediately followed by a vowel and immediately preceded by a number are written at the left end in alphabetical order.

S(\$0ABE3!@V7Q#119&AZ24G4%)

Step 2: After completing step 1, Symbols are interchanged with preceding element.

<u>(\$S</u>OABE<u>!@3</u>V7<u>#Q</u>1I<u>&9</u>AZ24G<u>%)4</u>

Step 3: After completing step 2, Odd numbers which are non-Perfect Square are written at the right end in descending order. (\$ \$ 0 A B E! @ V # Q 1 | & 9 A Z 2 4 G %) 4 <u>7 3</u>

7th
element from right end is 2

4th element from left end is 0,

Difference: 2 - 0 = 2

Hence the correct answer is 2.

Step 2: (\$ S O A B E ! @ 3 V 7 # Q 1 I & 9 A Z 2 4 G %) 4 Hence, 2 is the correct answer.

The elements which are followed by vowels in step 3 are: Step 3: (\$ S O A B E!@ V # Q 1 | & 9 A Z 2 4 G %) 4 7 3 Hence, 4 is the correct answer.

Step 3: ($\$ S 0 A B E ! @ V # Q 1 I & 9 A Z 2 4 G %) 4 $\underline{7.3}$ 15 th element from right end is Q and 6 th to the right of Q is Z in step 3.

Hence, Z is the correct answer.

15th element from right end is Q and 15th element from left end is

Therefore, there are 2 elements between them.

So the correct answer is 2.

Sol 199.

If all the consonants are dropped, the series becomes: 1 A E @ O # % 5 U 3 2 4 & I 9 7 \$ 8 6 ? 7th element from the left end is %.

Hence, % is the correct answer.

Sol 200.

Odd numbers which are followed by a vowel: Step 3: 41 S A Q D F W E @ B T R O # % 5 U 3 Z C G Y 2 & I H M

Hence, there is only 1 odd number which is followed by a vowel.

Vowels which are immediately preceded by a consonant and followed by a consonant:

Step 2: 1 S A Q D F W E @ B T R O # % 5 U 3 Z C G Y 2 4 & I H M 97\$86LN?K

Hence, there is only 1 vowel which is immediately preceded and followed by a consonant.

Sol 202.

Step 3: After completing step 2, Even numbers which are Perfect Square are written at the left end in ascending order. 4 İ S A Q D F W E @ B T R O # % 5 U 3 Z C G Y 2 & I H M 9 7 \$ 8 6LN?K

As, Left + Right = Left 10^{th} from the left + 12^{th} from the right = 22^{nd} from the left

Clearly, 22nd from the left is G.

Given input- (S Q A D F W @ E1BTR # O % 53 U Z C G Y 24 & HIM97\$86LN?K)

Step 1: Those numbers which are immediately followed by a consonant and immediately preceded by a vowel are written at the left end in alphabetical order.

1SQADFW@EBTR#O%53UZCGY24&HIM97\$8 6LN?K

Step 2: After completing step 1, vowels are interchanged with preceding element.

1SAQDFWE@BTRO#%5U3ZCGY24&IHM97\$8 6LN?K

Step 3: After completing step 2, Even numbers which are Perfect Square are written at the left end in ascending order.

41SAQDFWE@BTRO#%5U3ZCGY2&IHM97\$8

17th from the right - 8th from the right = 9nd from the right Clearly, 9th from the right end is 9.

Sol 204.

Given Statement:

Left side G 8 % C 3 B 1 * 6 K @ I 5 D ! E 2 \$ L H A # J ~ 7 U ^ 4& right side

Applying the Operations:

Series	G	8	%	С	3	В	1	,	6	К	0	I	5	D	!	Ε	2	S	L	Н	A	÷	J	2	7	U	٨	4	å
Condition 1		7			5		3		5				7				1								9			3	
Condition 2	J			F	Г	E				N		Н		Ĝ		D			0	K	Z		М			T			
Final	J	7	%	F	5	Ε	3	,	5	N	0	Н	7	G	!	D	1	S	0	K	Z	÷	М	~	9	T	٨	3	8

Left side J 7 % F 5 E 3 * 5 N @ H 7 G ! D 1 \$ O K Z # M ~ 9 T ^ 3 & Riaht side

Symbols which are immediately preceded by a number and followed by an alphabet:

Left side J 7 % F 5 E 3 * 5 N @ H 7 G ! D 1 \$ O K Z # M ~ 9 T ^ 3 & Hence, there are 2 symbols which is immediately preceded by number and followed by an alphabet; 7 % F and 1 \$ O

1) If all symbols and vowels are dropped: Left side J 7 F 5 3 5 N H 7 G D 1 K Z M 9 T 3 Right side Hence, 3rd from left end is F, and 7th right of F is G.

1) All symbols placed to the left of J from right to left: Left end % * @!\$#~^&J7F5E35NH7GD1OKZM9T3 Right end

Here we have two 5, hence the position of ~ with respect to 5 are 6^{th} to the left and 9^{th} to the left.

Sol 207.

1) Numbers which are immediately preceded and followed by a

Left side J 7 % F 5 E 3 * 5 N @ H 7 G! D 1 \$ O K Z # M ~ 9 T ^ 3 & Right side

Hence, there is 1 number which is immediately preceded and followed by an symbol; ^ 3 &.

Sol 208.

Left side J 7 % F 5 E 3 * 5 N @ H 7 G ! D 1 \$ O K Z # M ~ 9 T ^ 3 & Right side

Here first digit is immediately followed by the second digit, and third digit is 2nd to the left of the first digit.

Hence, 7GN does not belong to that group (as third digit is 3rd left of 1st digit).

Given alphabetical order: A B C D E F G H I J K L M N O P Q R S TUVWXYZ

Reverse alphabetical order: M L K J I H G F E D C B AN O P Q R STUVWXYZ

Thus, the eighteenth letter from the right end is E.

After deleting each fourth letter we get, A B C D E F G H I J K L M N O P Q R S T U V W X Y Z ABC EFG IJK MNO QRSUVW YZ Seventh letter from the right end: R Ninth letter to the left of the seventh letter: F Thus, 'F' will be the ninth letter to the left of the seventh letter

Sol 211.

Given alphabetical order: A B C D E F G H I J K L M N O P Q R S TUVWXYZ

Ninth letter from the left end: I Nineteenth letter from the left end: S

from the right end of the arrangement.

After selecting the series: I J K L M N O P Q R S

Thus, 'N' will be the letter exactly in the middle of the ninth letter from the left end of the series and the nineteenth letter from the left end of the series.

Sol 212.

The option IJK contains one vowel 'I' and 'JK' as consonants, whereas all other options contain all consonants. Thus 'IJK' is different from the others in the above given arrangement.

Sol 213.

Each alphabet starts with a vowel in the alphabetical order followed by consonants.

ABC EFĠ IJK

After ABC, the next vowel in alphabetical order is 'E' so 'EFG'. After 'EFG' next vowel in alphabetical order is 'I' so 'IJK' After 'IJK', the next vowel in alphabetical order is 'O' so 'OPQ' Thus, 'OPQ' will come next in the series.

Sol 214.

Consider the series given Condition 1 A Condition 2 Condition 3

Final Series:

A # W < D S < 4 & * B G < 18 D % H @ < E C L I 6 @ Q < F < There is only one alphabet 'F' which is preceded and followed by symbol '<'.

Hence, one is the correct answer.

Sol 215.

Consider the following series:

A # W < D S < 4 & * B G < 18 D % H @ < E C L I 6 @ Q < F < Hence, there are four numbers in the series.

Consider the following series:

A # W < D S < 4 & * B G < 18 D % H @ < E C L I 6 @ Q < F < Hence, there are 14 alphabets in the series.

Sol 217.

Consider the following series: A # W < D S < 4 & * B G < 18 D % H @ < E C L I 6 @ Q < F < Options are DS, BG, EC, CL, LI. Hence, 5 is the correct answer.

Sol 218.

Consider the following series: A # W < D S < 4 & * B G < 18 D % H @ < E C L I 6 @ Q < F < Options are < 4 and < 1.

Hence, two is the correct answer.

Sol 219.

Given words are: DJV YEC OJA QBS ITX

On changing first and third alphabet in each word to its next alphabet and second alphabet to its previous alphabet as per English alphabetical series:

EIW ZDD PIB RAT JSY

Clearly, only one word that is EIW has two vowels.

Note: In English alphabetical series there are 5 vowels i.e. A, E, I, O, U else all are consonants.

Hence, only one word has two vowels.

Sol 220.

On arranging alphabets in English alphabetical order within the word from right to left:

VJD YEC OJA SQB XTI

Clearly, 4 words VJD, YEC, SQB, XTI begin with a consonant. Note: In English alphabetical series there are 5 vowels i.e. A, E, I, O, U else all are consonants.

Hence, 4 words begin with a consonant.

Second from the left is YEC and its last alphabet is C Third from the right is OJA and its first alphabet is O Letters between C and O as per English alphabetical series are 11 i.e. D, E, F, G, H, I, J, K, L, M, and N. Hence, the first option is correct.

Sol 222.

On reversing the alphabets: VJD CEY AJO SBQ XTI Now on arranging words in the order as they appear in a dictionary from left to right, we get: Left side AJO CEY SBQ VJD XTI Right side Hence, ITX is the last word.

Sol 223.

On changing the last alphabet in each of the words to the next alphabet in the English alphabetical order: DJW YED OJB QBT ITY

Clearly, no words ending with vowels will be formed.

Note: In English alphabetical series there are 5 vowels i.e. A, E, I, O, U else all are consonants. Hence, option five is correct.

Sol 224.

Given series: 7 M 4 \$ G U * 5 % @ X 3 # S & 2 9 Δ I 8 O 1 J © 6 V P

Step 1: 7 4 \$ G U * 5 % @ X 3 # S & 2 9 \(D \) I 8 1 @ 6 P ^ J M O V Step 2: 74 \$ G U * 5 % @ X 3 # S & 9 \(\Delta \) 1 8 1 \(\ext{0} \) 6 P \(\Delta \) J M O V 2 Step 3: 7 4 \$ G U 5 * % @ X 3 # S 9 & Δ I 8 1 © 6 P J ^ M O V 2 Sixth from the left in step 3 = 5Eighth from the right in step 2 = 6

Required sum = 6 + 5 = 11

Hence, sum of the element which is sixth from the left in step 3 and eighth from the right in step 2 is '11'

Sol 225.

Fourth element from right in the last step = M Twelfth element from the right in last step = ISo number of letters between M and I is two. Hence, two letters are there between the fourth element from the right and twelfth element from the right after completion of all the steps.

Sol 226.

Firstly, element which is eighth from the left in step 2 is % Now element which is seventh to the right of % is 9 Hence, 9 is seventh to the right of eight from the left in step 2.

Sol 227.

Half series get reversed: 9 S # 3 X @ % * 5 U G \$ 4 7 & Δ I 8 1 @ 6 P J $^{\circ}$ M O V 2

Element which is eight from the left end = *

Hence, '*' will be eighth element from the left end after given arrangement.

Sol 228.

If all the alphabets are arranged in alphabetical order New series: 7 4 $\$ G I 5 * % @ J 3 # M 9 & Δ O 8 1 $\$ 6 P S $^{\circ}$ U V X 2

Element which is seventh to the left of seventeenth from the left $\mbox{end} = \mbox{J}$

Hence, J is the required element.

Sol 229.

Input: & 1 B * 5 4 9 Z & 3 T O 2 # 1 C W 2 7 * ! 6 K # 3 @ 2 1 D 5 Step 1: The Consonants preceded by a number are interchanged with each other. When we apply given condition the new series will be

Consonants ⇔ number

& B 1 * 5 4 Z 9 & T 3 0 2 # C 1 W 2 7 * ! K 6 # 3 @ 2 D1 $^{\circ}$ 5 Step 2: After completing step 1, the symbols followed by an odd number are written at the first, according to their occurrence in the series. When we apply given condition the new series will be odd number \rightarrow symbols \rightarrow are written at the first

 * # $^{^}$ & B $\overset{1}{1}$ 5 4 Z 9 & T 3 0 2 # C 1 W 2 7 * ! K 6 3 @ 2 D 15 Step 3: After completing step 2, even numbers are multiplied by 3. When we apply given condition the new series will be Even numbers \times 3

* # ^ & B 1 5 $\underline{12}$ Z 9 & T 3 0 $\underline{6}$ # C 1 W $\underline{6}$ 7 * ! K $\underline{18}$ 3 @ $\underline{6}$ D 1 5 Hence, the correct answer is 12 is 8th elements from left end.

Sol 230.

Step 2:

* # ^ & B 1 5 4 Z 9 & T 3 0 2 # C 1 W 2 7 * ! K 6 3 @ 2 D 1 5

Hence, Four elements & B, & T, # C and ! K is followed ATQ in step 2.

Sol 231.

Step 3: * # ^ & B 1 5 <u>12</u> Z 9 & T 3 0 <u>6</u> # C 1 W <u>6</u> 7 * ! K <u>18</u> 3 @ <u>6</u> D 1

No such type sequence follow in step 3. Hence, the correct answer is none.

Sol 232

Step 2: * # $^{\land}$ & B 1 5 4 Z 9 & T 3 0 2 # C 1 W 2 7 * ! K 6 3 @ 2 D 1 5 Hence, the correct answer is *.

25.105

Step 1: & B 1* 5 4 Z 9 & T 3 0 2 # C 1 W 2 7 *! K 6 # 3 @ 2 D1 5 Here, Eight elements follow the above criteria. 1*5, 4 Z 9, 3 0 2, 1 W 2, 6 # 3, 3 @ 2, 2 D1 and 1^5 . Hence, the correct answer is 8.

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