

TEST OF REASONING 1

- How many such pairs of letters are there in the word CONFUSED each of which has as many letters between them in the word as in the English alphabet?
1. None 2. One 3. Two 4. Three 5. More than three
- Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group?
1. Tennis 2. Hockey 3. Volleyball 4. Badminton 5. Cricket
- How many such pairs of digits are there in the number 395146728 each of which has as many digits between them in the number as when the digits within the number are rearranged in ascending order from left to right?
1. None 2. One 3. Two 4. Three 5. More than three
- In a certain code BEND is written as #5%3 and SOLD is written as 62@3. How is NOSE written in that code?
1.%265 2. 52%6 3. @265 4. %2#5 5. None of these
- How many meaningful words can be made from the letters DEIV using each letter only once?
1. None 2. One 3. Two 4. Three 5. More than three
- If Star is called Planet, Planet is called Satellite, Satellite is called Galaxy, Galaxy is called Comet then Earth is classified under which category?
1. Galaxy 2. Comet 3. Planet 4. Star 5. Satellite
- Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group?
1. Iron 2. Silver 3. Copper 4. Mercury 5. Aluminium
- If the letters of the word VERTICAL are arranged alphabetically, how many letters will remain at the same position?
1. four 2. three 3. two 4. one 5. none of these
- If in the number 589463271 all the odd digits are first arranged in ascending order and then all the even digits are arranged in ascending order which digit will be second to the right of fifth digit from the right end?
2.6 3.2 4.4 5. none of these
- If it is possible to make only one meaningful word from the third, the sixth, the ninth and the tenth letters of the word PARENTHESIS using each letter only once, last letter of the word is your answer. If no such word can be formed your answer is X and if more than one such word can be formed your answer is Y.
1.R 2.T 3.S 4.X 5.Y

DIRECTIONS(11-15):

Study the following information carefully to answer these questions.

Eight friends P, R, T, V, W, J, F, and K are sitting around a circle facing the center. T is third to the right of F and second to the left of W, P and R are not neighbours of W. R is third to the right of K. J is between W and K.

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11. Which of the following is the correct position of T with respect to K's position?
1. Second to the left
 2. Third to the left
 3. Third to the right
 4. Second to the right
 5. None of these
12. Which of the following pairs has the first person to the immediate left of the second person?
1. RP 2. FJ 3. VT 4. JW 5. JK
13. Who is to the immediate right of F?
1. J 2. P 3. R 4. V 5. None of these
14. Which of the following is the correct position of V?
1. Second to the left of R
 2. Between T and P
 3. To the immediate right of W
 4. To the immediate left of W
 5. None of these
15. Who is second to the right of J?
1. E 2. V 3. W 4. P 5. None of these

DIRECTIONS(16-20):

In these questions the symbols @ # \$ * and © are used with different meaning as follows-

"A@B" means 'A is smaller than B'.

"A#B" means 'A is either smaller than or equal to B.'

"A\$B" means 'A is greater than B.'

"A*B" means 'A is either greater than or equal to B.'

"A©B" means 'A is neither greater than nor smaller than B.'

In each equation, three statements showing relationships have been given, which are followed by two conclusions I and II. Assuming that the given statements are true, find out which conclusion(s) is/are definitely true. Given the answer-

1. If only conclusion I is true.
 2. If only conclusion II is true.
 3. If either conclusion I or conclusion II is true.
 4. If neither conclusion I nor conclusion II is true.
 5. If both conclusion I and II are true.
16. STATEMENTS: H#Q, Q@f, L\$F

CONCLUSIONS:

I. L\$H
H#F

ANS: A

17. STATEMENTS: J\$T, T@V, V#M

CONCLUSIONS:

I. T#M
J©M ANS:D

18. STATEMENTS: U#D, D@R, R©T

CONCLUSIONS:

I. U@R
T\$D ANS:E

19.STATEMENTS:

M*L, L\$K, K@R

CONCLUSIONS:

I. M*R
M@R ANS:D

20.STATEMENTS: J@N, N©W, W\$V

CONCLUSIONS: I. J ©V

II.J@W ANS:B

21.What should come next in the following number sequence?

2 2 3 2 3 4 2 3 4 5 2 3 4 5 6 2 3 4 5 6 7 2 3 4

1.8 2.5 3.6 4.2 5. none of these

22. How many meaningful English words can be formed with the letters ESRO using each letter only once in each word?

1. None 2. one 3. Two 4. Three 5. More than three

23. Four of the following five are alike in a certain way and so form a group. Which is the that does not belong to that group?

1.50 2.65 3. 170 4. 255 5.290

24. In a certain code CREAM is written as NBDBQ. How is BREAD written in that code?

1. EBFAQ 2. EBDAQ 3. BEDQA 4. BEFQA

5. None of these

25. In a certain code BELOW is written as FCKVN. How is GIVEN written in that code?

1. JHWMD 2. HJUMD 3. JHMUD 4. JHUMD 5. None of these

DIRECTIONS (26-30): Study the following arrangement carefully and answer the questions given below:

7 R E T 4 A 9 % D F1U # B @ 8 H I © WN M * 3 2 V \$ 5 N P 6 Q

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

1. None 2. One 3. Two 4. Three 5. More than three

27. How many such numbers are there in the above arrangement, each of which is immediately preceded by a letter but not immediately followed by a symbol?
1. None 2. One 3. Two 4. Three 5. More than three
28. How many such vowels are there in the above arrangement, each of which is immediately followed by a symbol?
1. None 2. One 3. Two 4. Three 5. More than three
29. 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 the group?
1. RTA 2. 9DF 3. #@H 4. 3V5 5. IW*
30. Which of the following is the fourth to the left of the twelfth from the left end?
1. % 2.8 3.2 4.H 5. None of these
31. The time by my watch is a quarter past twelve. If the hour hand points to the east, which is the direction opposite to the minute hand?
1. North 2. West 3. South 4. South west 5. None of these
32. 100 plates are placed in a box, 60 out of these are painted red and 30 are white, 20 are neither red nor white. The number of plates which are both red and white is.
1.40 2.30 3. 20 4.10 5.5
33. Five girls are sitting in a row. A is on the right of B. C is on the left of B but is on the right of D. A is on the left of E. The first sitting girl from the left is.
1.C 2. D 3. E 4.A 5. B
34. A boy is 10 times younger to his mother who is 5 years younger to her husband. If the boy attains the age of 8 in 3 years time. What is the age of his father?
1. 55 years 2. 50 years 3. 45 years 4. 60 years 5. 65 years
35. A man is facing the Sun in the evening. He starts his journey towards his right and travels 10 km and turns to his left. He goes 5 km, and again turns to his left and travels 10 km. How far would he have traveled from the initial point?
1.25 2. 20 3. 15 4. 10 5. 5
36. A is the father of B but B is not the son of A. What is B to A?
1. Mother 2. Son 3. Daughter 4. Wife 5. None of these

37. Find the missing figure:

5	8	13
6	9	15
7	10	?

1. 6 2. 11 3. 14 4. 17 5. None of these

7	12	6
5	8	11

10	?	9
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1. 1 2.4 3. 12 4.14 5. None of these

38. In a row of children facing North, Ritesh is twelfth from the left end. Sudhir who is twenty-second from the right end is fourth to the right of Ritesh. Total how many children are there in the row?

1.35 2.36 3.37 4.34 5. None of these

39. In a certain code RAIL is written as 5796 and TAPE is written as 3748. how is PAIR written in that code?

1.4795 2. 4785 3.3795 4. 8795 5. none of these

40. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group?

1. Rose 2.Jasmine 3. Hibiscus 4. Marigold

6. Lotus

DIRECTIONS(41-45): In each of the questions below are given four statements followed by three conclusions numbered I, II, & III. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given statements disregarding commonly known facts.

41. STATEMENTS:

- All chillies are garlicks.
- Some garlicks are onions.
- All onions are potates.
- No potato is ginger.

CONCLUSIONS:

- I. No onion is ginger.
- II. Some garlicks are potatoes.
- III. Some chillies are potatoes.

1..only I follows

2..onlyII follows

3..only I&II follow

4. only I&III follow ANS :3

5.All follow

42. Some keys are locks.

- Some locks are numbers.
- All numbers are letters.
- All letters are words.

CONCLUSIONS:

- I. Some locks are letters.
- II. Some words are numbers

None of these ANS: 1

Test of reasoning 2

1. If 3 is subtracted from the middle digit of the following numbers and then the position of the digits are reversed, which of the following will be the last digit of the middle number after they are arranged in descending order?

589 362 554 371 442

1.5 2.4 3.2 4.1 5.3

2. In a certain code language "GERMINATION" is written as "IMGRENNOAIT". How is ESTABLISHED written in that code?

1. BATESLDEIHS

2.BAETSLDEIHS

3.BAETSLEDIHS

4. BEATSLDEIHS

5. None of these

3.If in the English alphabet, all the letters at odd numbered positions are written in serial order from left to right followed by the letters at even numbered positions written in reverse order, which letter will be sixth to the left of seventeenth letter from left?

1.D 2.B 3.V 4.U 5. None of these

4.If it is possible to make a meaningful word from the second, fourth, fifth, eleventh and thirteenth letters of the word" ESTABLISHMENT" using each letter only once, write second letter of that word as your answer, if more than one such word can be formed, write "M" as your answer and if no such word can be formed, write"X" as your answer.

1.B 2.A 3.E 4.M 5.X

5.In a row of 40 girls, when Kamal was shifted to her left by 4 places her number from the left end of the row became 10. What was the number of Sujata was three places to the right of Kamal's original position?

1.22 2.26 3. 25 4.23 5. None of these.

Directions (141-145) : In each question below is given a statement followed by two assumptions numbered I AND II. An assumption is something supposed or taken for granted. you have to consider the statement and the following assumption and decide which of the assumption is implicit in the statement.

Give answer (1) if only assumption I is implicit

Give answer (2) if only assumption II is implicit

Give answer (3) if either I or II is implicit

Give answer (4) if neither I or II is implicit, and

Give answer (5) if both II and I are implicit.

6. STATEMENT: Country "A" would explore all channels to diffuse current tensions with country"B" and bring peace on its borders`- statement of spokesperson of country`A`

Assumptions:

I. Country"A" is desirous to diffuse current tension and restore peace with country"B".

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II. It is desirable to use more than one channel when complex issues are to be settled amicably. ANS :5

7. STATEMENT: Two months ago, it was announced that central government pensioners would get dearness relief with immediate effect but till date, bank have not credited the arrears- A statement from a pensioner's forum.

I. Most of the banks normally take care of the pensioners.

II. Two months time is sufficient for the government machinery to move and give effect to pensioners. ANS:2

8. STATEMENT: The bridge was built at the cost of Rs.128 crores and even

civil bus service is not utilizing it, what a pity to see it grocely under utilizing- A citizen`s view on a new flyover linking east and west sides of a suburb.

ASSUMPTIONS:

I. The building of such bridges does not serve any public objective.

II. There has to be some accountability and utility of money spent on public projects. ANS:4

9.STATEMENT: Use our product to improve memory of your child, it is based on natural herbs and has no harmful side effects-Advertisement of a pharmaceutical company.

ASSUMPTIONS:

I. People generally opt for a medical product, which is useful and has no harmful side effects.

II. Improving memory of child is considered as important by many parents. ANS:5

10.STATEMENT: The traders of state "K" would observe a statewide bandh as the state has failed to meet their demand to resolve sales tax and other issues.

ASSUMPTIONS:

I. The traders of state"K" have earlier tried other usual procedures to get their problems solved.

II. The state "K" is not keen to solve the problem of traders.

ANS:1

DIRECTIONS(11-15): Each of the questions below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statement are sufficient to answer the question. Read both the statements and

Give answer (1) if only assumption I is implicit

Give answer (2) if only assumption II is implicit

Give answer (3) if either I or II is implicit

Give answer (4) if neither I or II is implicit, and

Give answer (5) if both II and I are implicit.

11. Which village is to the north-east of village "A"?

- I. Village "B" is to the north of village A, villages C and D are to the east and west of village B, respectively.
 - II. Village "P" is to the south of village "A" and village "E" is to the east of village "P" village "K" is to the north of village "P".
- ANS:1

12. Can Rohan retire from office "X" in January 2006, with full pension benefits?

- I. Rohan will complete 30 years of service in office "X" in April 2006 and desires to retire.
- II. As per office "X" rules an employee has to complete minimum 30 years of service and attain age of 60. Rohan has 3 years to complete age of 60

ANS:5

13. Among five friends P, Q, R, S and T, who ranks third in terms of salary obtained by them?

I. T's salary is more than P and Q but not more than S.

II. R's salary is lowest among them.

ANS:4

14. How is P related to Q?

- I. j has two daughters, one of them "R" is married to "P"
- II. Q is the mother of "S", the younger sister of "R"

ANS:5

15. Which word in the code language means "FLOWER"?

- I. "DE FU LA PANE" means "ROSE FLOWER IS BEAUTIFUL" and "LA QUIZ" means "BEAUTIFUL TREE"
- II. "DE LA CHIN" means "RED ROSE FLOWER" and "PA CHIN" means "RED TEA"

ANS:4

16. Directions (16-20): Study the following information to answer these questions.

- I. Seven persons P, Q, R, S, T, V, X belonging to different cities viz. Delhi, Mumbai, Chennai, Calcutta, Bangalore, Hyderabad and Trivandrum, not necessarily in the same order, went to USA for attending a conference. Each one had a different specialization viz. Literature, Physics, Economics, Marketing, Computers, Textile Engineering and Information Technology.
- II. "S" is from Chennai and "Q" does not have specialization in Textile or Economics. R is a man of Marketing and comes from Mumbai. The person from Calcutta has specialization in Computers. "P" who is specialized in Literature does not belong to Delhi. V having specialization in Physics is from Trivandram. Information Technology is the specialization of "X" who comes from Bangalore.

16. Which of the following persons is from Delhi?

1. P 2. S 3. T 4. S or T 5. None of these

17. Who is a Textile Engineer?

1. S 2. T 3. V 4. S or V 5. S or T

18. Person with specialisation in Literature comes from which of the following cities?

1. Bangalore 2. Calcutta 3. Delhi 4. Hyderabad 5. None of these

19. Which of the following combinations of person, city and specialisation is correct?

1. S- Chennai-Economics
2. S-Chennai- Textile
3. Q-Calcutta-Computers
4. T-Delhi-Economics
5. None of these

20. Who is specialised in computers?

1. Q 2. S 3. T 4. Data inadequate 5. None of these

Directions(21-25): P, Q, R, S, T, U, V & W are eight friends sitting around a circle facing towards the centre.

- I. W is to the immediate left of P but is not the neighbor of T and S.
- II. U is to the immediate right of Q and V is neighbour of T.
- III. R is between T and U.

21. What is the position of V?

To the immediate right of W

Between T and R

Third to the right of U

Second to the left of S

None of these.

22. What is the position of S?

Between Q and U

To the immediate left of P

Second to the right of U

To the immediate left of Q

None of these

23. Which of the following statements is true?

- I. U is the neighbour of V

- II. V is between W and T
- III. W is between P and S
- IV. T is between U and Q
- V. None of these

24. Which of the following pairs has similar relationship as RUN:RACE?

- 1. Party:Dance
- 2. Study:Book
- 3. Lecture:Study
- 4. Enjoy:Journey
- 5. None of these

25. Akshay is 16th from the left end in the row of boys and Vijay is 18th from the right end. Avinash is 11th from Akshay towards the right end and 3rd from Vijay towards the right end. How many boys are there in the row?

- 1. data inadequate
- 2. 42
- 3. 40
- 4. 48
- 5. None of these

Directions (26-30): Answer the following questions based on the arrangement given below:

Y W @ 1 & C N 3 P L B 9 \hat{I} = D * E 2 ! M V \$ 7 # 4 F G 5

26. C13W: 74VG is in the same way as

- 1. \$F2D
- 2. VF2D
- 3. \$42D
- 4. \$F!D
- 5. \$F2*

27. Four of the following five are alike in a certain way based on the above arrangement and hence form a group. which one does not belong to the group.

- 1. &LNP
- 2. \hat{I} 2DE
- 3. *V2M
- 4. VF74
- 5. LDB=

28. If the numbers immediately preceding the symbols are attached the value doubled their numerical value. then what will be the sum of the value of all such numbers.

- 1. 22
- 2. 36
- 3. 26
- 4. 38
- 5. None of these

29. How many such symbols are there in the above arrangement which are not immediately preceded by a number and also not immediately followed by a letter?

1. Nil 2. one 3. two 4. three 5. None of these

30. If YW@1 are written in the reversed order, &CN3 are written in the reversed order and so on, then in the new arrangement which of the following will exactly be in the middle between 9 and \$?

1. = 2. M 3. ↑ 4. D 5. None of these

31. Four of the following five are alike in a certain way and so form a group. which is the one that does not belong to that group?

1. 144 2. 169 3. 256 4. 288 5. 324

32. Four of the following five are alike in a certain way and so form a group. which is the one that does not belong to the group?

1. camel 2. hourse 3. bullock 4. cat 5. donkey

33. Prabir started walking towards south. he took a right turn after walking 10 meters. he again took a left turn after walking 20 meters. which direction is he facing now?

1. south 2. north 3. west 4. east 5. cannot be determined

34. How many such pairs of digits are there in the number 421579368 each of which has as many digits between them in the number as when they are arranged in ascending order?

1. none 2. one 3. two 4. three 5. None of these

35. B is brother of D. D is sister of E. E is brother of F. How is F related to B?

1. Brother 2. Sister 3. Brother or Sister 4. Data inadequate 5. None of these

Directions (36-40): Study the following arrangement carefully and answer the questions given below:

R D 1 5 E % K 3 J I 9 P 8 # A 2 B \$ K M 6 W @ N 4 © T * 7 F H

36. Which of the following is the third to the right of the twelfth from the left end?

1. J 2. A 3. B 4. @ 5. None of these

37. Which of the following is the sixth to the right of the eighteenth from the right end?

1. P 2. 3 3. W 4. M 5. None of these

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

1. one 2. two 3. three 4. four 5. None of these

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

1.one 2. two 3.three 4. four 5. None of these

40.Which of the following is exactly in the middle between the tenth from the left end and the eight from the right end?

1.\$ 2. # 3.B 4.7 5.None of these

Test of reasoning 3

1)In a certain code BELOW is written as FCKVN.How is GIVEN written in that code ?

a)JHWMD b)HJUMD

c)JHMUD d)JHUMD e) None of these

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2)How many such pairs of letters are there in the word SPLENIC each of which has as many letters between them in the word as there are between them in the english alphabet?

a)Four b) Two c)Three d)One e)None of these

3)If ACT is coded as 23-25-16, how will you code the BLOW ?

a)23-8-11-19 b)24-8-10-19 c)24-8-11-18 d)24-8-11-19

4)SUPER =79 ,SUPREME =97, LABOUR =?

a)49 b) 69 c) 79 d) 89 e)none of these

5)Radha is younger to Sunita but elder than Rita.Rita is elder than Geeta .Sham is elder to Reeta but younger to Radha .Who is youngest of all.

a)Rita b)Sunita c)Geeta d)Shan

6)Lata is year older than Sunita .Sunita is two years older than Bindu .Rajn is year older than Bindu .Who is the youngest of all

a)Bindu b)Sunita c)Lata d) Rajan e)data insufficient

A family consist of 6 members P,Q,R,S,T,&U.There are two married couples .Q is a doctor and the father of T.Uis grandfather of R and is a contractor .Sis grandfather of T and is a housewife .There is one doctor ,one contractor ,one nurse ,one housewife and two students in the family .

7)Who is the husband of P?

a)R b)U c)Q d)S e) T

8)Who is the sister of T?

a)R b) U c) T d)insufficient data e)none of these

9)What is the profession of P?

a)Doctor b)Nurse c)Doctor or Nurse d)Housewife e)none of these

10)Which of the following are two married couples?

a)US,QT b)US ,QP c)TS,RU d)US,RP e)none of these

11)Which of the following is definitely a group of male member ?

a)QU b)QUT c)QUP d)UT e) none of these

These question are based on the following arrangement .Study it carefully and answer the question from 11 to 15

8 H % 3 7 T A 4 # 6 B I @ R 1 Q * L E 2 K \$ U 5 9

12) Which element is sixth to the right of fifteenth from the right end ?

a) Q b) * c) L d) 1 e) none of these

13) Four of the 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 the group ?

a) I# b) EQ c) 2* d) \$2 e) 5K

14) If all the symbols are dropped from the above arrangement which element will be ninth from the left end ?

a) B b) 6 c) 4 d)I e) none of these

15)What will come in place of the question mark in the following series based on the above arrangement ?

7T3 4#A BI6 ?

a)R@1 b)1QR c) R1@ 4) Q* e)none of these

s

16)How many such symbols are in the above arrangement each of which is immediately followed by a number but not immediately preceded by another number

a)None b) One c) Two d) Three e) Four

Directions (17 to 21):in each question below are two statements are given which are followed by four conclusions .The student has to find out which of the conclusions is valid .

17) All men are wise

Rama is a man

a) all wise are man b) some man are not wise c)Rama is wise d) Rama is not wise

18) No woman is teacher .some teachers are dancers ,therefore

a)some teachers are women b)some women are not dancers c) all women are dancers

d)some dancers are not women

19)Some boys are singers .some singers are dancers .therefore

a)Some boys are dancers b)some boys are not dancers c)all boys are dancers

d)No conclusion can be drawn

20)All birds are are flies .Some flies are not rat

a)All flies are birds b)some flies are rats c) some birds are rat d) none of these

21)All books are pens .some pens are pencils

a)Some pens are books b)some books are not pencils c)some pencils are not books

d)none of these

in e ach of the following questions a series of number is given .which of the numbers or number groups will replace the question mark out of the four alternatives

22) 3,12,24,96,192 ?

a)768 b)384 c)702 d)298

23)6,3,11,8,18,15,27,24_?_?

a)36,33 b)36,35 c)38,35 d)38,34

24) 24,60,120,210,_

a)300 b)336 c)420 d)525

25)8,9,24,12,32,16,42_

a)19 b)20 c)21 d)24

In each of the following questions below ,a group of numerals is given followed by four groups of symbol /letter combinations labelled a),b),c),d).Numerals are to be coded as per the codes and conditions given below. You have to find out which of the combinations a),b), c),d), is correct and indicate your answer accordingly .If none of the four combinations represents the correct code ,mark e) as your answer .

Following conditions apply :

1)If the first digit as well as the last digit is odd, both are to be coded as X,

2) If the first digit as well as the last digit is even ,both are to be coded as \$,

3)If the last digit is 0, it is to be coded as #

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Digit	3	5	7	4	2	6	8	1	0	9
Letter/Symbol	*	B	E	A	@	F	K	%	R	M

26)546839

a)XAFK*M b)BAFK*M c) XAFK*X d)BAFK*X e)none of these

27)713540

a)E%*BA# b) X%*BA# c)X%*BAR d)E%*BAR e) none of these

28)765082

a)XBFRK@ b)EFB#K@ c)EFBR#K d)EFBRK@ e) none of these

29)487692

a)AKEFM@ b) \$KEFM@ c)AKEFM\$ d)\$KEFM\$ e) none of theses

30)364819

a)XFAK@M b)*FAK%M c)*FAK%M d)*EAK%X e)none of these

Directions (31 to 33): In each of the following question , a group of words is given .Which of the four words is different from the rest ?

- 31) a) Mature b)Labour c)Digest d) Ripen
 32) a)Here b)Near c)Where d)There
 33) a)Boxer b)Player c)Cricketer d)Wrestler

Directions (34 to 35): In each of the following question , a group of letters is given .Which of the four groups is different from the rest ?

34) a)FDEG b)SPQR c)MKLN d)WUVX

35) a)BEFJ b)DFGJ c)KNOS d)QTUY

Find the missing figure

36) a)6 b)11 c)14 d)17

5	8	13
6	9	15
7	10	?

37) a)1 b)4 c)12 d)14

7	12	6
5	8	11
10	?	9

38) a)9 b)36 c)316 d)729

1	27	8
125	216	64
343	?	512

39) A is 25 years older than B and A'S age is as much above 20 as B's is below 85.The age of A is

a)65 b)60 c)55 d)50 e)45

40)Baby's age is $\frac{2}{3}$ rd of Mohan. If after 5 years baby is 45 years old, the present age of Mohan

a)30 b) 60 c)50 d)40

TEST OF REASONING 4

Directions (1-5) :

Below in each question are given two statements (A) and(B). These statements may be either independent causes or may be effects of independent causes or a common causes. one of these statements may be the effect of the other statements. read the both the statements and decide which of the following answer choice correctly depicts the relationship between these two statements.

Mark answer(1) if statement (A) is the cause and statement (B) is its effect.

Mark answer(2) if statement (B) is the cause and statement (A) IS Its effect.

Mark answer(3) if both the statements (A) and (B) are independently causes.

Mark answer (4) if both the statements(A) and (B) are effect of independent causes.

Mark answer (5) if both the statements (A) and (B) are effects of some common cause.

1.A) Government owned oil companies have reduced the prices of petroleum with immediate effect.

B) The government has made an appeal to the public to reduce consumption of petroleum products.

ANS: 4

2.A) The police authority has recently caught a group of house breakers.

B) The citizens group in the locality have started night vigil in the area. ANS:1

3.A) The government has decided to allow private universities to run their won coursed after obtaining necessary approvals.

B) There has been continuous decreases in number of students enrolled for various courses offered by the government run universities. ANS:1

4.A)The wholesale grain market is flooded with fresh stock.

B) The government has recently increased the procurement price of grains. ANS:2

5.A)The school authority has asked the "X" Std. students to attend special classes to be conducted on Sundays.

B) The parents of the "X" Std. students have withdrawn their wards from attending private tuitions conducted on Sundays. ANS:1

6.A) The villagers have decided to boycott the forthcoming assembly elections.

B)The state government has recently revised the electoral roll. ANS:4

7. Among M, T, R and P,M is older than only P. T is older than R. Who among them is the oldest?

1.T 2.R 3. T or R 4. Data inadequate 5. None of these

8.What should come next in the following number sequence?

2 2 3 2 3 4 2 3 4 5 2 3 4 5 6 2 3 4 5 6 7 2 3 4

2.5 3.6 4.2 5.None of these

9.How many such pairs of letters are there in the word "CONSTABLE" each of which has as many letters between them in the word as in the english alphabet?

1. none 2. one 3. two 4. three 5. none of these

10.How many such digits are there in the number 5231698 each of which is as far away from the beginning of the number as when the digits are rearranged in ascending order?

1. none 2. one 3. two 4.three 5. more than three

11) Four of the five words given below are similar in a certain way and therefore form a group. Find the one which does not belong to the group.

a) oligarchy b) Theology c)Hierarchy d) Plutocracy e) Monoarchy

12) Austere is related to style in the same way as controlled is related to

a) wealth b) faith c) demeanor d) speech e) movement

13)If trombay is written as Baymort in a certain code ,how is Persian written in that code?

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a) IARPESN b) IANSREP c) PISANRE d) ISRAPNE e) INAPERS
14) What would be the next number in the following series?

6, 0, 12, 12, 36, 60, ?

a) 132 b) 148 c) 216 d) 60 e) -24

15) If broom is called stick, brush is called cupboard, filament is called

tannery, stick is called garbage and tannery is called bucket, then what does a bulb have?

a) Tannery b) Bucket c) Garbage d) Stick e) Brush

Direction : (6 to 10) : Study the following character sequence and answer the questions given below.

N T Q 7 X P J L 5 G H M α R W D 3 β K C F 2 S E Z λ

16) What will be 3rd character to the right of 15th character from the left in the above series?

a) W b) D c) 3 d) β e) K

17) What will be the answer to Q. 6 if the second half of the series were written in reverse order?

a) same as in Q. 6 b) K c) C d) F e) 2

18) If the given character sequence is reversed, what will be 8th to the right of 4th to the left of 17th character from the left?

a) F b) P c) X d) 2 e) none of these

19) What will come in place of question mark in the following character series?

NTQ, T7P, QP5, ?, XGW

a) X5 α b) 75 α c) XLM d) 7LM e) X5M

20) Find the odd man out ?

a) TQ b) GH c) PJ d) 2S e) WD

21) Archipelago is related to island in the same way as constellation is related to

a) Planet b) Galaxy c) Orbit d) Heavenly bodies e) Star

22) If the 2nd, 5th, 6th, and the last letters of the word PREJUDICE are combined to form a meaningful English word, then what is the 3rd letter of the word? If more than one word is can be formed your answer is M and if no word can be formed, then your

Answer is X.

a) M b) R c) D d) e) X

23) If ALIGN is written as BKJFO in a certain code, how is CRUELTY written in that code.?

a) RBSKNOA b) PQSTRAB c) RSQOZPT d)DAVDMSZ e) ANTORAN

24) In a certain code language ,fel me qur means ' i have passed ' dang ko chauk means 'you are brave' and ne qur tis means i have failed . What will dang qur tis means?

a)You have failed b) I am brave c) You have passed d) can't say e) none

25) How many letters in the word TRYST have as many letters between them as in the alphabet?

a) None b) 2 c) 3 d) 4 e) more than 4

26) Seer is related to prophecy in the same way as sage is related to?

a) Diligence b) penance c) reward d) flattery e) wisdom

27) Latent is related to manifest in the same way as dorment is related to

a)hibernation b) awakening c) perfunctionary d) inspiration e) punctillious

28) If + means \div , \times means $-$, \div means \times ,and $-$ means $+$ then,

$$5 \times 2 - 4 \div 7 + (3 \times 2)$$

a)26 b) 31 c)29 d)27 e)none of these

29) In each of the following question below are given two statements followed by two conclusion numbered I and II .You have to assume everything in the statements to be true even if they seem to be at variance from commonly known facts. Consider both the conclusions together ,then decide which of the two given conclusions logically follows beyond a reasonable doubt from the information given in the statement, disregarding commonly known facts .

Give answer:

A)If only conclusion I follows

B)f only conclusion II follows

C) If neither I or II follows

D) If neither I nor II conclusion follows and

E) If both I and II follows

30) Statements:

All lamps are hooks

No hook is coloured

Conclusion:

- I) Some lamps are coloured
- II) No lamp is coloured ANS: b

31) Statements :

All bricks are stamps

Some stamps are shoes.

- I) All shoes are stamps
- II) some bricks are shoes Ans :b

32) Statements:

Some calenders are sticks.

No stick is flower.

- I) Some calenders are flowers
- II) No calender is flower. Ans :c

33) Statements:

Some belts are crows.

Some tents are crows.

- I) Some tents are belts.
- II) Some crows are tents Ans:d

34) All envelopes are umbrellas.

All umbrellas are chalks.

- I) Some chalks are envelopes
- II) Some umbrella are not envelopes Ans: a

TEST OF REASONING 5

1. In a certain code " CREAM" is written as" NBDBQ".How is "BREAD" written in that code?

- (1) EBFAQ (2)EBDAQ (3) BEDQA (4)BEFQA(5) None of these

2.Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group.

- 1)50 2)65 3) 170 4)255 5)290

2. How many such pairs of letters are there in the word "CONSTABLE" each of which has as many letters between them in the word as in the English alphabet?

- 1) none 2) one 3) two 4) there 5) more than there

3. What should come next in the following number sequence?

- 2 2 3 2 3 4 2 3 4 5 2 3

- 1) 8 2)5 3)6 4)2 5) none of these

4. Among M, T, R and P, M is older than only P. T is older than R. who among them is the oldest?

- 1)T 2) R 3) T or R 4) Data inadequate 5) None of these

Directions(Qs. 6 to 10) : In each of these questions are given three statements followed by three conclusions numbered I, II, III. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follow from the given statements disregarding commonly known facts.

6)

STATEMENTS:

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some flowers are bins.

some bins are handles.

all handles are sticks.

CONCLUSIONS:

some sticks are bins.

some handles are flowers

some sticks are flowers.

Only 2 follows

Only 3 follows

only 1 and 2 follows

Only 1 and 3 follows

None of these

___ 7) Statements :

All trees are gardens.

All gardens are stones.

All stones are fences.

Conclusions :

I. some fences are gardens.

II. all gardens are fences.

III. some stones are trees.

1) only I and II follows.

2) only I and III follows.

3) only II and III follows.

4) all follow

5) none of these

8) Statements :

All books are leaves.

Some leaves are jungles.

No jungle is box.

CONCLUSIONS :

- I. Some jungle are books.
- II. No book is box.
- III. Some leaves are boxes.
 - 1) none follows
 - 2) only I follows
 - 3) only II follows
 - 4) only III follows
 - 5) only I and II follows

9) Statements :
Some towers are windows.

All windows are houses.

Some houses are temples.

Conclusions :

- I. Some towers are temples.
- II. Some houses are towers.
- III. Some temples are windows.
 - 1) Only I follows
 - 2) Only II follows
 - 3) Only III follows
 - 4) Only I and II follows
 - 5) None of these

10)

Statements :

Some walls are doors.

Some doors are cots.

Some cots are chairs.

Conclusions :

I . Some chairs are doors.

II. Some cots are walls.

III.No chair is door.

- 1) Only II follows
- 2) Only III follows
- 3) Only either I or III follows
- 4) Only I follows
- 5) None of these

Directions (Qs. 11 to 15) : Study the following arrangement carefully and answer the questions given below:

7 R E T 4 A 9 % D F 1 U # B @ 8 H 1 ^ W M * 3 2 V \$ 5 N P 6 Q

11. Which of the following is the fourth to the left of the twelfth from the left end?

1) % 2) 8 3) 2 4) h 5) None of these

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

1) none 2) one 3) two 4) three 5) More than three

13. How many such consonants are there in the above arrangement, each of

which is immediately preceded by a consonant and immediately followed by a number ?

1) None 2) one 3) two 4) three 5) more than three

14. How many such numbers are there in the above arrangement, each of

which is immediately preceded by a letter but not immediately followed by a symbol ?

1) None 2) One 3) Two 4) Three 5) More than three

15. Four of the 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 ?

1) RTA 2) 9DF 3) # @ H 4) 3 V 5 5) i w *

Directions (Qs. 16 to 20) : Study the following information carefully and answer these questions.

A, B, C, D, E, F, G, and H, are sitting around a circle facing at the centre. D is second to the left of F and third to the right of H. A is second to the right of F and an immediate neighbour of H. C is second to the right of B and F is third to the right of B. G is not an immediate neighbour of F.

16. Who is to the immediate left of A ?

1) H 2) E 3) G 4) Data inadequate 5) None of these

17. Who is fourth to the right of B ?

- 1) E 2) C 3) A 4) Data inadequate 5) None of these

18. What is E's position with respect to G ?

- 1) Second to the right
2) Third to the left
3) Third to the right
4) Second to the left
5) None of there

19. How many of them are there between H and C ?

1. Two
2. Three
3. Two or Three
4. Date inadequate
5. None of these

20. In which of the following pairs is the first person sitting to the immediate left of the second person ?

1. CD 2. BG 3. HA 4. FC 5. None of these

Directions (Qs 21 to 25) : in these questions, the symbols @, ^, #, \$, and % are used with the following meaning as illustrated below :

"P^Q" Means "P" is either greater than or equal to "Q".

" P@Q" Means "P" is neither greater than nor smaller than "Q".

"P%Q" Means "P" is either smaller than or equal to "Q"

"P#Q" means "P" is smaller than "Q".

"P\$Q" Means "p" is greater than "Q"

Now in each of the following questions assuming the given statements to be true, find which of the two conclusions I And II given below them is/ are definitely true?

Give answer:

- 1) if only conclusion I is true.
2) if only conclusion II is true.
3) if either conclusion I or II is true.
4) if neither conclusion I nor II is.
5) if both conclusion I and II are true.

21.

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Statements :

M%T, T#R, R@D

Conclusions:

1.D\$T II. R\$T Answer 5

22.

Statements :

J\$M, M^K, K#N

Conclusions:

I. J\$K II. N\$M. Answer 1

23.

Statements :

F#T, T@W, W\$H

Conclusions:

I. F#H II. F^H Answer 3

24.

Statements :

K^R, R\$F, F#B

Conclusions:

I. B\$R II. F\$K. Answer 2

25.

Statements :

D\$N, N#F, F^T

Conclusions :

I.T#N II. D\$F Answer 4

Directions (26-30): These questions are based on the following set of numbers.

389 476 635 847 568

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II. In order of height, Suma is five positions above Ranjit who is eighth from the bottom. A)5

33. What is the code for 'going' in a code language ?

- I. In that code language 'where' are you going' is written as 'ma ka ta re'
- II. In that code language 'going to college' is written as 'lo pe ta' ANS.5

34. How is Sharmim related to Mr. Varghese ?

- I. Sharmim's son is the only grandson of Mr. Varghese.
- II. Mr. Varghese has only one son. ANS.5

35. Village X is in which direction with respect to village Y ?

- I. X is to the east of Z which is to North of Y.
- II. X is to the north of L which is to the east of Y. ANS.3

36. Pointing to a photograph Sachin said she is the grandmother of my father's sister's son. how is the woman in photograph related to Sachin ?

1. Mother 2. Aunt 3. Cousin 4. Cannot be determined 5. None of these

37. Which of the letters will come next in the following series ?

a ab abc abcd abcde abcde

1. a 2. f 3. b 4. cannot be determined 5. none of these

38. If "AXB" means "B" is father of "A" A+B means "A" is wife of "B" and A-B means "A" is brother of "B" then what is the relation of J with L in J+H-RXL ?

- 1. Daughter
- 2. Daughter-in-law
- 3. Sister-in-law
- 4. Cannot be determined
- 5. None of these

39. In a row of children facing North. Ritesh is twelfth from the left end. Sudhir who is twenty second from the right end is fourth to the right of Ritesh. Total how many children are there in the row?

1. 35 2. 36 3. 37 4. 34 5. None of these

40. How many such pairs of letters are there in the word PHYSICAL each of which has as many letters between them in the word as they have in the English alphabet?

1. None 2. One 3. Two 4. Three 5. More than three