

30 Most Important Reasoning Miscellaneous Questions PDF



Direction (1-5): Study the information given below and answer the questions based on it.

% V 7 & K \$ 8 A \$ W 2 6 9 © 5 # Q L @ S F M ? 4 E N ¥ Z C 3 U

1. 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?

- A. E ¥N
- B. ©5#
- C. W62
- D. %7V
- E. AW\$

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

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

3. If all the numbers are dropped from the above arrangement, which of the following will be tenth from the left end of the above arrangement?

- A. Q
- B. ©
- C. L
- D. #
- E. S

4. Which of the following is eighth to the right of the nineteenth from the right end of the above arrangement?

- A. 2
- B. S
- C. M
- D. F
- E. 6

5. What will come in place of the question mark based upon the given series?

CZ ¥ E4? S@L ©96 ?

- A. A8\$
- B. W\$A
- C. K \$ 8
- D. WA\$
- E. 8 \$ K

Direction (6-10): Study the following arrangement of consonants, vowels, numbers and symbols carefully and answer the questions given below.

H @ F ! 3 U 6 % G I T * P L 8 \$ ^ 9 S 2 7 & A M K + J © D 4 # 5 & E

6. Which of the following element is ninth to the right of the twentieth from the right end of the above arrangement?

- A. K
- B. M
- C. U
- D. A
- E. None of these

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

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



8. If all the symbols are dropped from the arrangement, which of the following will be the twelfth from the left end?

- A. 9
- B. 2
- C. S
- D. 7
- E. None of these

9. 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 the group?

- A. L\$8
- B. AKM
- C. @!F
- D. 6%G
- E. JD ©

10. What should come in place of the question mark (?) in the following series based on the above arrangement?

F3U %IT L\$^ ?

- A. 927
- B. 7&A
- C. 7AM
- D. 2&A
- E. 27&

Direction (11-15): Study the information given below and answer the questions based on it.

In a family of 10 members namely, C, D, E, F, G, A, B, K, L and M, C is the daughter of D, whose mother E is the wife of F who is the brother of G. A, whose uncle is G, is the father of E's granddaughter B. L is the grandson of G whose only child is M, who is the husband of K. E has only one son.

11. How is B related to C?

- A. Mother
- B. Sister
- C. Brother
- D. Cousin
- E. None of these

12. How is D related to G?

- A. Nephew
- B. Niece
- C. Daughter
- D. Son
- E. None of these

13. How many female members are there in the family?

- A. 2
- B. 3
- C. 4
- D. 5
- E. None of these

14. How is F related to C?

- A. Maternal Grandmother
- B. Maternal Grandfather
- C. Uncle
- D. Son
- E. None of these



15. If G is married to X, then how is X related to F?

- A. Brother-in-law
- B. Sister-in-law
- C. Mother
- D. Can't be determined
- E. None of these

Direction (16-20): Study the following information carefully to answer the given questions.

A & B means A is neither greater than nor equal to B.

A % B means A is neither smaller than nor greater than B.

A * B means A is not greater than B.

A \$ B means A is greater than B.

A @ B means A is either greater than or equal to B.

16. **Statement:** A \$ B @ C * D; C % E @ F

Conclusions:

I. A \$ D

II. F * D

- A. Only I is true
- B. Only II is true
- C. Either I or II true
- D. Neither I nor II is true
- E. Both I and II are true

17. **Statement:** N @ T \$ P * Q; T \$ R; P \$ S

Conclusions:

I. T \$ S

II. R & N

- A. Only I is true
- B. Only II is true
- C. Either I or II true
- D. Neither I nor II is true
- E. Both I and II are true

18. **Statement:** M * N & O @ P; O * Q * S

Conclusions:

I. Q \$ M

II. P * S

- A. Only I is true
- B. Only II is true
- C. Either I or II true
- D. Neither I nor II is true
- E. Both I and II are true

19. **Statement:** G @ H @ I % J @ K; A * J

Conclusions:

I. A & G

II. A % G

- A. Only I is true
- B. Only II is true
- C. Either I or II true
- D. Neither I nor II is true
- E. Both I and II are true



20. **Statement:** N @ T \$ P * Q; T \$ R; P \$ S

Conclusions: I. R & Q

II. Q \$ S

A. Only I is true

B. Only II is true

C. Either I or II true

D. Neither I nor II is true

E. Both I and II are true

Direction(21-25): Study the following information to answer the given questions
A word and number arrangement machine when given an input line of words and numbers rearranges them following a particular rule. The following is an illustration of input and rearrangement.

Input: 11 our 4 door 10 7 lower early 3 pure 9 apple

Step I: apple 3 11 our 4 door 10 7 lower early pure 9

Step II: apple 3 early 7 11 our 4 door 10 lower pure 9

Step III: apple 3 early 7 our 11 4 door 10 lower pure 9

Step IV: apple 3 early 7 our 11 pure 4 door 10 lower 9

Step V: apple 3 early 7 our 11 pure 4 lower 9 door 10

Step V is the last step of the rearrangement.

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

Input: 31 uber 30 floor 19 18 ink mall 25 ear create 17 queen

21. How many steps will be needed to complete the arrangement?

A. Four

B. Five

C. Six

D. Seven

E. None of these

22. Which of the following would be step IV?

A. ear 17 ink 19 31 uber 30 floor 18 mall 25 create queen

B. ear 17 ink 19 uber 31 30 floor 18 mall 25 create queen

C. ear 17 ink 19 uber 31 queen 18 30 floor mall 25 create

D. ear 17 ink 19 uber 31 queen 18 mall 25 30 floor create

E. None of these

23. Which of the following would be at 7th position from the right in stepV?

A. uber

B. 31

C. 18

D. queen

E. None of these

24. Which of the following would be at 6th position from the left in step III?

A. floor

B. 25

C. create

D. mall

E. 31

25. In step VI of the rearrangement, if '19' is related to 'uber' and 'queen' is related to '18' in a certain way, which of the following would 'mall' be related to following the same pattern?

A. create

B. Floor

C. 25

D. mall

E. None of these



Direction (26-30): A word and number arrangement machine when given an input line of word and numbers rearranges them following a particular rule in each step. The following is an illustration of input and rearrangement.

INPUT: 73 destroy 65 wars 81 97 enemy 35 riot tank 49 control

Step I: riot 73 destroy wars 81 97 enemy 35 tank 49 control 65

Step II: riot tank 73 destroy wars 81 enemy 35 49 control 97 65

Step III: riot tank wars 73 destroy 81 enemy 49 control 35 97 65

Step IV: riot tank wars enemy destroy 81 49 control 73 35 97 65

Step V: riot tank wars enemy control destroy 81 49 73 35 97 65

Step V, is the last step of the above arrangement as the intended arrangement is obtained.

As per the rule followed in the given steps find out the appropriate steps for the given input.

Input: switch generator 69 78 70 bags key 35 40 shirt jacket 27

26. How many steps would be needed to complete the arrangement?

- A. VI
- B. V
- C. IV
- D. VII
- E. None of these

27. In step IV, which of the following word/number would be on the fifth position (from the right)?

- A. 78
- B. 40
- C. Jacket
- D. 69
- E. 27

28. In step I, what is the difference between fourth element from left and second element from right?

- A. 45
- B. 50
- C. 42
- D. 28
- E. None of these

29. In step IV, which element comes exactly between the fourth element from right and fifth element from left?

- A. 27
- B. generator
- C. Bags
- D. 70
- E. None of these

30. In step III, which of the following word/number would be on the seventh position (from the right)?

- A. Switch
- B. Shirt
- C. Jacket
- D. 40
- E. 70



ANSWERS

1. Ans. B.

©5# is the odd one out.

2. Ans. C.

Letter Symbol Number
K \$ 8 and M ? 4

3. Ans. D.

% V & K \$ A \$ W © # Q L @ S F M ? E N ¥ Z C U

4. Ans. D.

% V 7 & K \$ 8 A \$ W 2 6 9 © 5 # Q L @ S F M ? 4 E N ¥ Z C 3 U

5. Ans. E.

8\$K is the right answer, as there is a gap of one element in the CZ¥ E4?, then two elements gap between E4? S@L, then three elements gap between S@L ©96, then four elements between ©96 and **8\$K**

6. Ans. B.

Ninth to the right of the 20th from the means 11th from the right, i.e., M.

7. Ans. C.

Symbol	Consonant	Symbol
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Such combination are :

@ F !; + J ©

8. Ans. A.

New arrangement

H 3 U 6 G I T P L 8 9 S 2 7 A M K.....
 |-----↑
 12th from left

9. Ans. D.

L $\xrightarrow{+2}$ S $\xrightarrow{-1}$ 8
 A $\xrightarrow{+2}$ K $\xrightarrow{-1}$ M
 @ $\xrightarrow{+2}$! $\xrightarrow{-1}$ F
 6 $\xrightarrow{+1}$ % $\xrightarrow{+1}$ G
 J $\xrightarrow{+2}$ D $\xrightarrow{-1}$ ©

10. Ans. C.

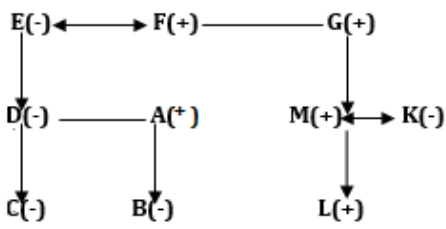
F $\xrightarrow{+5}$ % $\xrightarrow{+6}$ L \longrightarrow 7
 3 $\xrightarrow{+5}$ I $\xrightarrow{+6}$ \$ \longrightarrow A
 U $\xrightarrow{+5}$ T $\xrightarrow{+6}$ ^ \longrightarrow M



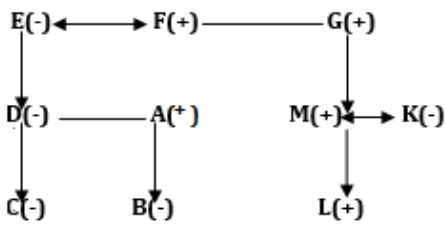
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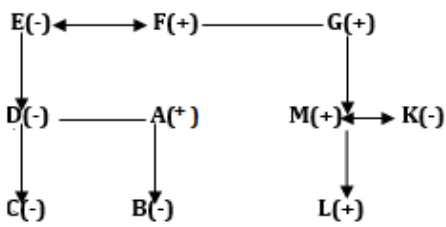
11. Ans. D.



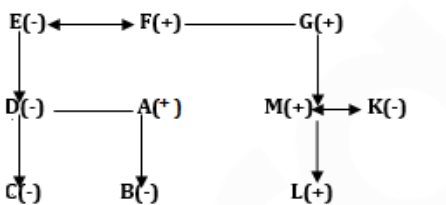
12. Ans. B.



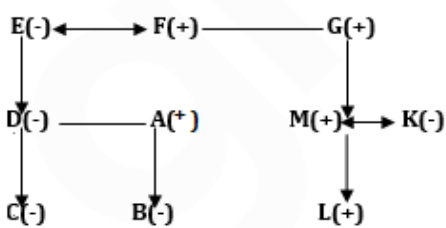
13. Ans. D.



14. Ans. B.



15. Ans. B.



16. Ans. B.

$A > B \geq C \leq D, C = E \geq F$

I. $A > D$, FALSE

II. $F \leq D - F \leq C \leq D$, TRUE

Hence, Conclusion II is true.

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17. Ans. E.

$N \geq T > P \leq Q, T > R, P > S$

I. $T > S - T > P > S$, TRUE

II. $R < N - N \geq T > R$, TRUE

Hence, Both conclusion I and II are true

18. Ans. E.

$M \leq N < O \geq P, O \leq Q \leq S$

I. $Q > M - M \leq N < O \leq Q$, TRUE

II. $P \leq S - P \leq O \leq Q \leq S$, TRUE

Hence, both conclusion I & II is true.

19. Ans. C.

$G \geq H \geq I = J \geq K, A \leq J$

I. $A < G, G \geq J \geq A$, FALSE

II. $A = G, G \geq J \geq A$, FALSE

Hence, Either Conclusion I or II follows.

20. Ans. B.

$N \geq T > P \leq Q, T > R, P > S$

I. $R P \geq Q$, FALSE

II. $Q > S, Q \geq P > S$, TRUE

Hence, only Conclusion II is true.

21. Ans. C.

The machine rearranges one word and one number in each step. First, it rearranges words starting with a vowel in alphabetical order, then it rearranges words starting with a consonant in reverse alphabetical order. For numbers, it first rearranges prime numbers in ascending order, then composite numbers in ascending order.

Input: 31 uber 30 floor 19 18 ink mall 25 ear create 17 queen

Step I: ear 17 31 uber 30 floor 19 18 ink mall 25 create queen

Step II: ear 17 ink 19 31 uber 30 floor 18 mall 25 create queen

Step III: ear 17 ink 19 uber 31 30 floor 18 mall 25 create queen

Step IV: ear 17 ink 19 uber 31 queen 18 30 floor mall 25 create

Step V: ear 17 ink 19 uber 31 queen 18 mall 25 30 floor create

Step VI: ear 17 ink 19 uber 31 queen 18 mall 25 floor 30 create

22. Ans. C.

The machine rearranges one word and one number in each step. First, it rearranges words starting with a vowel in alphabetical order, then it rearranges words starting with a consonant in reverse alphabetical order. For numbers, it first rearranges prime numbers in ascending order, then composite numbers in ascending order.

Input: 31 uber 30 floor 19 18 ink mall 25 ear create 17 queen

Step I: ear 17 31 uber 30 floor 19 18 ink mall 25 create queen

Step II: ear 17 ink 19 31 uber 30 floor 18 mall 25 create queen

Step III: ear 17 ink 19 uber 31 30 floor 18 mall 25 create queen

Step IV: ear 17 ink 19 uber 31 queen 18 30 floor mall 25 create



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Step V: ear 17 ink 19 uber 31 queen 18 mall 25 30 floor create
Step VI: ear 17 ink 19 uber 31 queen 18 mall 25 floor 30 create

23. Ans. D.

The machine rearranges one word and one number in each step. First, it rearranges words starting with a vowel in alphabetical order, then it rearranges words starting with a consonant in reverse alphabetical order. For numbers, it first rearranges prime numbers in

ascending order, then composite numbers in ascending order.

Input: 31 uber 30 floor 19 18 ink mall 25 ear create 17 queen

Step I: ear 17 31 uber 30 floor 19 18 ink mall 25 create queen

Step II: ear 17 ink 19 31 uber 30 floor 18 mall 25 create queen

Step III: ear 17 ink 19 uber 31 30 floor 18 mall 25 create queen

Step IV: ear 17 ink 19 uber 31 queen 18 30 floor mall 25 create

Step V: ear 17 ink 19 uber 31 queen 18 mall 25 30 floor create

Step VI: ear 17 ink 19 uber 31 queen 18 mall 25 floor 30 create

24. Ans. E.

The machine rearranges one word and one number in each step. First, it rearranges words starting with a vowel in alphabetical order, then it rearranges words starting with a consonant in reverse alphabetical order. For numbers, it first rearranges prime numbers in

ascending order, then composite numbers in ascending order.

Input: 31 uber 30 floor 19 18 ink mall 25 ear create 17 queen

Step I: ear 17 31 uber 30 floor 19 18 ink mall 25 create queen

Step II: ear 17 ink 19 31 uber 30 floor 18 mall 25 create queen

Step III: ear 17 ink 19 uber 31 30 floor 18 mall 25 create queen

Step IV: ear 17 ink 19 uber 31 queen 18 30 floor mall 25 create

Step V: ear 17 ink 19 uber 31 queen 18 mall 25 30 floor create

Step VI: ear 17 ink 19 uber 31 queen 18 mall 25 floor 30 create

25. Ans. C.

The machine rearranges one word and one number in each step. First, it rearranges words starting with a vowel in alphabetical order, then it rearranges words starting with a consonant in reverse alphabetical order. For numbers, it first rearranges prime numbers in

ascending order, then composite numbers in ascending order.

Input: 31 uber 30 floor 19 18 ink mall 25 ear create 17 queen

Step I: ear 17 31 uber 30 floor 19 18 ink mall 25 create queen

Step II: ear 17 ink 19 31 uber 30 floor 18 mall 25 create queen

Step III: ear 17 ink 19 uber 31 30 floor 18 mall 25 create queen

Step IV: ear 17 ink 19 uber 31 queen 18 30 floor mall 25 create

Step V: ear 17 ink 19 uber 31 queen 18 mall 25 30 floor create

Step VI: ear 17 ink 19 uber 31 queen 18 mall 25 floor 30 create

26. Ans. C.

In this input output question only one word and one number is arranged in each step. As a first step let us first understand the logic behind the question. If we will see the final output we will observe the following:



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(1) **For words** – Words are arranged according to the number of letters present in the word. The word which contains less number of letters is arranged first from left to right. If two words contain same number of letters then they are arranged according to as they appear in English dictionary.

(2) **For numbers** – Arranged in ascending order of difference between the digits from right to left. If the difference between two numbers is same then the number which has higher value according to the number is arranged first from right to left.

Input: switch generator 69 78 70 bags key 35 40 shirt jacket 27

Step I: key switch generator 69 70 bags 35 40 shirt jacket 27 78

Step II: key bags switch generator 69 70 40 shirt jacket 27 35 78

Step III: key bags shirt switch generator 70 40 jacket 27 69 35 78

Step IV: key bags shirt jacket switch generator 70 27 40 69 35 78

27. Ans. E.

In this input output question only one word and one number is arranged in each step. As a first step let us first understand the logic behind the question. If we will see the final output we will observe the following:

(1) **For words** – Words are arranged according to the number of letters present in the word. The word which contains less number of letters is arranged first from left to right. If two words contain same number of letters then they are arranged according to as they appear in English dictionary.

(2) **For numbers** – Arranged in ascending order of difference between the digits from right to left. If the difference between two numbers is same then the number which has higher value according to the number is arranged first from right to left.

Input: switch generator 69 78 70 bags key 35 40 shirt jacket 27

Step I: key switch generator 69 70 bags 35 40 shirt jacket 27 78

Step II: key bags switch generator 69 70 40 shirt jacket 27 35 78

Step III: key bags shirt switch generator 70 40 jacket 27 69 35 78

Step IV: key bags shirt jacket switch generator 70 27 40 69 35 78

28. Ans. C.

In this input output question only one word and one number is arranged in each step. As a first step let us first understand the logic behind the question. If we will see the final output we will observe the following:

(1) **For words** – Words are arranged according to the number of letters present in the word. The word which contains less number of letters is arranged first from left to right. If two words contain same number of letters then they are arranged according to as they appear in English dictionary.

(2) **For numbers** – Arranged in ascending order of difference between the digits from right to left. If the difference between two numbers is same then the number which has higher value according to the number is arranged first from right to left.

Input: switch generator 69 78 70 bags key 35 40 shirt jacket 27

Step I: key switch generator 69 70 bags 35 40 shirt jacket 27 78

Step II: key bags switch generator 69 70 40 shirt jacket 27 35 78

Step III: key bags shirt switch generator 70 40 jacket 27 69 35 78

Step IV: key bags shirt jacket switch generator 70 27 40 69 35 78



29. Ans. D.

In this input output question only one word and one number is arranged in each step. As a first step let us first understand the logic behind the question. If we will see the final output we will observe the following:

(1) **For words** – Words are arranged according to the number of letters present in the word. The word which contains less number of letters is arranged first from left to right. If two words contain same number of letters then they are arranged according to as they appear in English dictionary.

(2) **For numbers** – Arranged in ascending order of difference between the digits from right to left. If the difference between two numbers is same then the number which has higher value according to the number is arranged first from right to left.

Input: switch generator 69 78 70 bags key 35 40 shirt jacket 27

Step I: key switch generator 69 70 bags 35 40 shirt jacket 27 78

Step II: key bags switch generator 69 70 40 shirt jacket 27 35 78

Step III: key bags shirt switch generator 70 40 jacket 27 69 35 78

Step IV: key bags shirt jacket switch generator 70 27 40 69 35 78

30. Ans. E.

In this input output question only one word and one number is arranged in each step. As a first step let us first understand the logic behind the question. If we will see the final output we will observe the following:

(1) **For words** – Words are arranged according to the number of letters present in the word. The word which contains less number of letters is arranged first from left to right. If two words contain same number of letters then they are arranged according to as they appear in English dictionary.

(2) **For numbers** – Arranged in ascending order of difference between the digits from right to left. If the difference between two numbers is same then the number which has higher value according to the number is arranged first from right to left.

Input: switch generator 69 78 70 bags key 35 40 shirt jacket 27

Step I: key switch generator 69 70 bags 35 40 shirt jacket 27 78

Step II: key bags switch generator 69 70 40 shirt jacket 27 35 78

Step III: key bags shirt switch generator 70 40 jacket 27 69 35 78

Step IV: key bags shirt jacket switch generator 70 27 40 69 35 78



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