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Reasoning Questions PDF

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Directions (1-3): In each question below are given some statements followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements, disregarding commonly known facts.

Q1. Statements:
Only a few 16 is 80.
All 65 is 100.
No 80 is 100.
Conclusions:
I. No 65 is 16.
II. Some 100 is 16 is a possibility.
1. Only I follow
2. Both I and II follow
3. Only II follows
4. None follows
5. None of these

Q2. Statements:
Only 96 is 150.
Some 96 is 35.
No 8 is 96.
Conclusions:
I. All 8 is 35 is a possibility
II. All 35 is 150 is a possibility
1. Only I follow
2. Both I and II follow
3. Only II follows
4. Either I or II follows
5. None follows

Q3. Statements:
All 114 is 40.
No 40 is 30.
No 30 is 65.
Conclusions:
I. Some 65 is 114.
II. No 114 is 65.
1. Only II follows
2. Both I and II follow
3. Only I follow
4. Either I or II follows
5. None follows

Direction (4-8): Read the following information carefully. And answer the following questions given below.
Eight persons i.e. Jackson, Kusum, Lalit, Mahira, Naina, Ommy, Paridhi, Qamil are sitting around a circular table facing towards the center of the table but not necessarily in the same order.
Naina sits third to the right of Lalit. One person sits between Naina and Qamil. Mahira sits third to the right of Ommy who is not an immediate neighbor of Qamil. Kusum sits third to the left of Paridhi who is an immediate neighbor of Lalit.

Q4. Which of the following statement is true?
(i) Paridhi is sitting exactly between Mahira and Lalit.
(ii) Qamil is sitting second to the left of Naina.
(iii) Lalit face Jackson.
1. All are true.
2. Only (i) and (ii)
3. Only (i) and (iii)
4. Only (ii) and (iii)
5. None is true

Q5. Four of the following are alike in a certain way to form a group which of the following doesn't belong to that group?
1. Naina
2. Ommy
3. Kusum
4. Mahira
5. Paridhi

Q6. Which of the following statement is not true for Jackson?
1. Jackson doesn't faces Mahira.
2. Jackson sits between Naina and Qamil.
3. Jackson sits 3rd to the left of Ommy.
4. Jackson sits immediate right of Mahira.
5. All are true.

Q7.How many persons sit between Jackson and Ommy when counted from left side of Ommy?
1. One
2. Three
3. More than three
4. Two
5. None

Q8.Who among the following person sits third to the right of the one who sits opposite to Mahira?
1. Mahira
2. Naina
3. Paridhi
4. Jackson
5. None of these

Q9. If in the given word "ELECTRIFIED" each of the consonant is changed to previous letter and each vowel is changed to next letter then which of the following word is fourth from the left end?
1. E
2. B
3. J
4. S
5. None of these

Q10. How many pairs of letters are there in the word 'GRAMMATICALLY' which have as many letters between them as are in the alphabet (both in forward and backward direction)?
1. One
2. Two
3. Three
4. More than four
5. None of these

Directions (11-14): In these questions, relationship between different elements is show in the statements. The statements are followed by

conclusions. Study the conclusions based on the given statements and select the appropriate answer.

Q11. Statements:
I>H, K>N≥L, I=J<L
Conclusion:
I. N> I
II. H<L
1.If only conclusion I follows.
2.If only conclusion II follows.
3.If either conclusion I or II follows
4.If neither conclusion I nor II follows.
5.If both conclusions I and II follow.

Q12. Statements:
A<X<K<I, H≥D=I, H=E
Conclusion:
I. A>D
II. E>X
1.If only conclusion I follows.
2.If only conclusion II follows.
3.If either conclusion I or II follows
4.If neither conclusion I nor II follows.
5.If both conclusions I and II follow.

Q13. Statements:
H<N<F, B>C>I, G≥I, B<F
Conclusion:
I. C>N
II. N≥C
1.If only conclusion I follows.
2.If only conclusion II follows.
3.If either conclusion I or II follows
4.If neither conclusion I nor II follows.
5.If both conclusions I and II follow.

Q14. Statement: B ≥ C > E = G < F ≤ D
Conclusion: I. C > F II. E < D
1. If only conclusion I follows.
2. If only conclusion II follows.
3. If either conclusion I or II follows.
4. If neither conclusion I nor II follows.
5. If both conclusions I and II follow.

Direction (15-16): Read the following information carefully. And answer the following questions given below.
There are six persons in a family i.e. Z, U, W, Y, X, and T. Among them only one married couple and only two males. Z, who is unmarried and U are siblings. Y's husband has two children. T is niece of Z and W is father of U. Y is not mother of Z.

Q15.How is U related to Z's niece?
1. Son 2. Father
3. Mother 4. Daughter
5. None of these

Q16. Who is daughter-in-law of T's grandfather?
1. Z 2. Y
3. U 4. Cannot be determined
5. None of these

Q17. If it is possible to make a meaningful word from the first, third, sixth, tenth and twelfth letters of the word ESTABLISHMENT, using each letter of 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

Direction (18-22): Read the following information carefully. And answer the following questions given below.
'virus olivia weber tesla' is written as ' hc eg uz yz',
'education pattern virus voltas' is written as ' uz on nk jz ',
'pattern watt weber legal' is written as ' xz nk az eg',
'olivia voltas tesla square' is written as ' yz gz on hc'.

Q18. What is the possible code for 'voltas watt fraud' in the given code language?
1. xz on az 2. on az gz
3. xz yz on 4. on gb hc
5. on xz bg

Q19. What is the code for 'weber' in the given code language?
1. hc 2. eg
3. uz 4. yz
5. None of these

Q20. What is the possible code for 'legal olivia' in the given code language?
1. xz az 2. xz hc
3. az on 4. hc yz
5. xz on

Q21. What is the code for 'education' in the given code language?
1. uz 2. on
3. nk 4. jz
5. None of these

Q22. What should be the code for the word "watt"?
1. uz 2. xz
3. eg 4. nk
5. Can't be determined

Direction (23-27): Read the following information carefully. And answer the following questions given below.
Certain number of girls sit in a row from left to right. Some of them faces towards north and some of them

faces towards south. Not more than two persons facing the same direction sits adjacent to each other.
The person sitting at the extreme ends faces in the same direction. V sits third from one of the extreme end of the row. Three persons sit between V and S. Y sits second to the right of S. No one sits to the right of Y. G is an immediate neighbor of both S and L. V and G faces same direction as K. S and L faces in opposite direction to each other. More than two persons sit between L and K. R sits second to the left of X who faces north. P does not face north.

Q23. How many girls sit in the row?
1. Nine
2. Ten
3. Eleven
4. Twelve
5. Thirteen

Q24. Four of the following five are alike in a certain way and hence form a group which of the following does not belong to the group?
1. V
2. P
3. S
4. X
5. G

Q25. Who among the following sits third to the right of L?
1. X
2. P
3. R
4. K
5. Y

Q26. Which of the following pair of girls are immediate neighbors of R?
1. K,L
2. Y,S
3. K,P
4. K,V
5. V,P

Q27. Which of the following statement is true?
A. Three persons sit to the left of L.
B. V faces north direction
C. K sits at one of the extreme end.
1. Only A
2. Only B
3. Only C
4. Both A and B
5. Both B and C

Direction (28-30): Read the following information carefully. And answer the following questions given below.

S is 5m to the west of K. I is 4m to the north of K. P is 5m to the east of I. J is 4m to the south of P. F is 2m to the east of J.

Q28. What is the shortest distance between point I and point S ?
1. 32m
2. 41m
3. √31m
4. √41m
5. None of these

Q29.What is the direction of point F with respect to point I ?
1. South east
2. North
3. South west
4. West
5. None of these

Q30.What is the shortest distance between point P and point F ?
1. √21m
2. 2m
3. 2√5m
4. 3m
5. None of these

Direction (31-35): Read the following information carefully. And answer the following questions given below.

344 241 154 671 865

Q31. If we arrange all the digits in descending order within the number from left to right then which of the following is second highest number?
1. 344
2. 671
3. 241
4. 865
5. 154

Q32. If 1 is added to each odd number and 1 is subtracted from each even number then how many numbers are divisible by 3?
1. One
2. None
3. Two
4. Three
5. More than three

Q33. What is the product of third digit of the highest number and the first digit of the second lowest number?
1. 12
2. 10
3. 8
4. 20
5. None of these

Q34. If the first digit is interchanged with the third digit within the same number, and then the numbers are arranged in decreasing order from left to right then which of the following is second from the left end?
1. 344
2. 241
3. 154
4. 671
5. 865

Q35. The third digit of the third number from the left end is how much more or less than the second digit of the second number from the right end?
1. 1
2. 2
3. 5
4. 4
5. None of these

Direction (36-40): Study the following information carefully and answer the questions given below.
Nine boxes are placed one above the other. Only two box is placed above P. Only one box is placed between

P and J. L is placed immediately above Q and immediately below M. J is placed adjacent to O. Three boxes are placed between O and K. K is placed above O. N is placed below R.

Q36. How many boxes are placed above N?
1. Four 2. Five
3. Six 4. Three
5. Two

Q37. Which of the following box is kept at the bottom most position?
1. Q 2. N
3. J 4. O
5. None of these

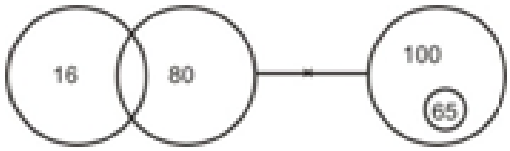
Q38. If R is related to P, J is related to M, then in the same manner N is related to _____?
1. K 2. O
3. L 4. Q
5. None of these

Q39. Which of the following box is kept exactly between M and P?
1. N 2. O
3. J 4. Q
5. L

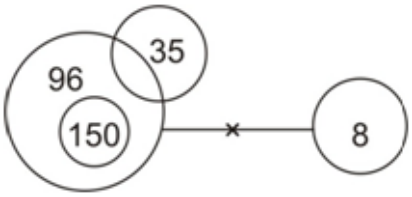
Q40. Number of boxes placed above K is the same as the number of boxes placed below _____?
1. M 2. L
3. Q 4. P
5. N

Answers with Explanation

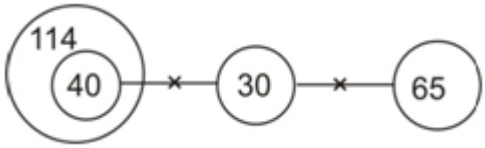
Ans1. 3. Only II follows



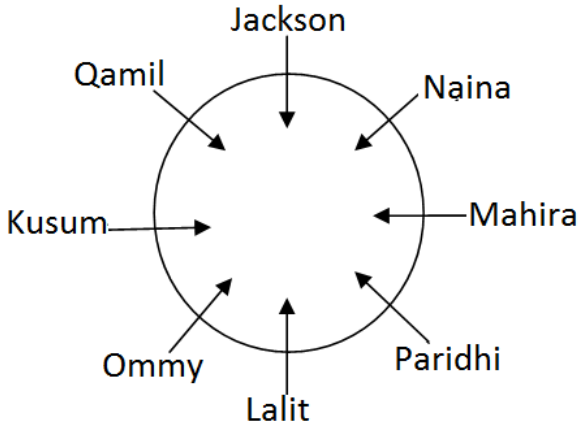
Ans2. 1. Only I follow



Ans3. 4. Either I or II follows



Ans4. 3. Only (i) and (iii)
Ans5. 5. Paridhi
Ans6. 4. Jackson sits immediate right of Mahira.
Ans7. 4. Two
Ans8. 3. Paridhi
Explanation (4-8):

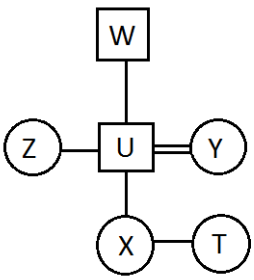


Ans9. 2. B
Explanation:
Original word: ELECTRIFIED
After applying conditions: FKF**B**SQJEJFC
Ans10. 3. Three
Explanation:

Ans11. 5. If both conclusions I and II follow.
Explanation:
I. N> I → N≥L>J=I (true)
II. H<L →H<I=J<L (true)
Ans12. 2. If only conclusion II follows.
Explanation:
I. A>D → A<X<K<I=D (false)
II. E>X → E=H≥D=I>K>X (true)
Ans13. 4. If neither conclusion I nor II follows.
Explanation:
I. C>N → C<B<F>N (false)
II. N≥C → N<F>B>C (false)

Ans14. 2. If only conclusion II follows.
Explanation:
Statement: B ≥ C > E = G < F ≤ D
Conclusion:
I. C > F → C > E = G < F (false)
II. E < D → E = G < F ≤ D (true)

Ans15. 2. Father
Ans16. 2.Y
Explanation (15-16):

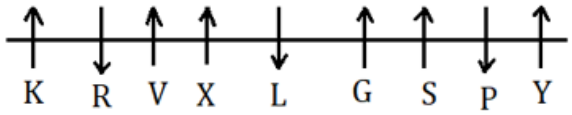


Ans17. 5. X
Explanation:

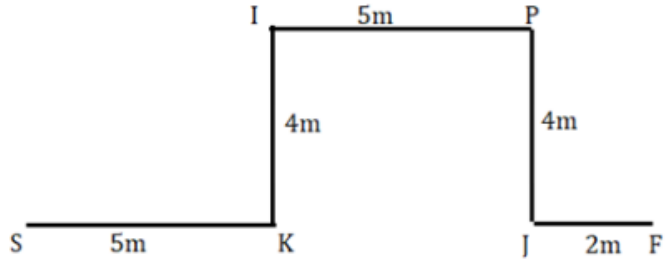
E T L M E = No word can be formed.
Ans18. 5. on xz bg
Ans19. 2. eg
Ans20. 2. xz hc
An21. 4. Jz
Ans22. 5. Can't be determined
Explanation (18-22):

Word	Code
Virus	uz
Olivia/tesla	yz/hc
Weber	eg
Education	jz
Pattern	nk
Watt/legal	eg/xz
Voltas	on
Square	gz

Ans23. 1. Nine
Ans24. 2. P
Ans25. 3. R
Ans26. 4. K,V
Ans27. 5. Both B and C
Explanation (23-27):



Ans28. 4. √41m
Ans29. 1. South east
Ans30. 2√5m



Ans31.2. 671

344	241	154	671	865
443	421	541	761	865

Ans32. 3. Two
154, 671

Ans33. 2. 10
5×2=10
Ans34. 3. 154

344	241	154	671	865
443	142	451	176	568

568 > 451 > 443 > 176 > 142

Ans35. 5. None of these
7-4=3

Ans36. 4. Three

Ans37. 1. Q
Ans38. 2. O
Ans39. 3. J
Ans40. 2. L

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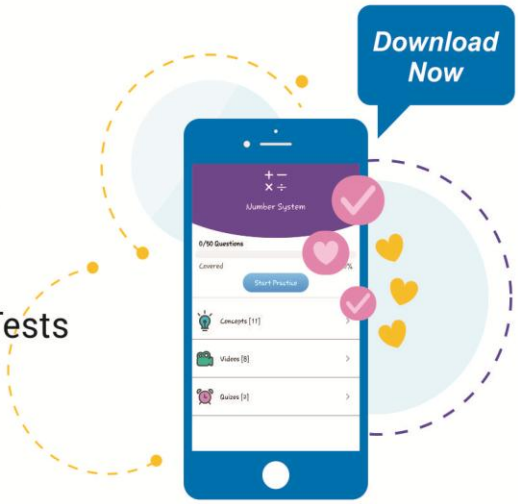

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