## REASONING

Direction (1-5): Read the following information carefully and answer the given questions:

Seven boxes contain different food items- Cake, Fries, Pizza, Shake, Burger, Pasta and Sandwich are kept above the other, but not necessary in the same order.
More than three boxes are placed in between box of Pizza and Fries. There are two boxes are placed in between Box $B$ and $G$ which contain Sandwich. Box which contain Fries is placed below box of Pizza. Box E is immediately above the box which have Pasta. More than three boxes are placed in between box which contain Pasta and box of Pizza. Box F is immediately below the box of Burger. Shake is placed in box C. Pizza is not packed in box D. The box which contain Fries is immediately above Box A.

1. How many boxes are placed in between Box $D$ and the box which contain fries?
(a) Two
(b) One
(c) More than three
(d) Three
(e) None
2. Which of the following box contain pizza?
(a) C
(b) F
(c) B
(d) E
(e) A
3. Which of the following box is placed just above the box which contain shake?
(a) G
(b) E
(d) D
(e) F
(c) A
4. Which of the following food item is packed in box $A$ ?
(a) Fries
(b) Pasta
(c) Burger
(d) Pizza
(e) None of these
5. How many boxes are placed below the Box C?
(a) None
(b) Two
(c) Three
(d) One
(e) Four

Directions (6-10): Study the following information carefully to answer the given questions. In a certain code language,
"Strong predict today source" is coded as " ho mk uv ed"
"Style trade Strong" is coded as " ip mk sn"
"today trade style" is coded as "ip sn ed"
"Trade source travel power" is coded as "sn wt uv tx"
6. What is the code of 'predict'?
(a) mk
(b) ho
(c) uv
(d) ed
(e) ip
7. What does 'ip sn' stands for?
(a) Today Style
(b) Source Trade
(c) Style Trade
(d) Trade Power
(e) Can't be determined
8. What may be the code of 'trade life'?
(a) ip bh
(b) sn nj
(c) wt sn
(d) ed uv
(e) sn uv
9. What is the code of "predict source"?
(a) uv wt
(b) mk ed
(c) ho uv
(d) uv ec
(e) None of these
10. What is the code of 'Power'?
(a) wt
(b) uv
(c) tx
(d) Either (a) or (c)
(e) ed

Directions (11-15): Study the following information carefully and answer the given questions.

Eight students have seated around a circular table in which some are facing towards the centre and some are facing outside the centre. E sits third to the right of D. Only two persons sit between $G$ and $B$, both are facing same direction. A sits third to the right of the one who sits second to the left of G . F is neither immediate neighbour of G nor B. C sits third to the right of F who sits opposite to H . G is facing same direction as $D$ but opposite to C and A . E sits second to the right of H who is facing same direction as F . $B$ and $D$ faces each other. $E$ faces towards the center.
11. Who among the following sits third to the right of $A$ ?
(a) E
(b) F
(c) D
(d) G
(e) None of these
12. Who among the following sits opposite to $C$ ?
(a) B
(b) E
(c) H
(d) A
(e) None of these
13. How many persons sits between $D$ and $H$, when counting left of D ?
(a) four
(b) three
(c) two
(d) one
(e) None

14. What is the position of $B$ with respect to $F$ ?
(a) Third to the left
(b) Immediate right
(c) Second to the right
(d) Immediate Left
(e) None of these
15. How many persons facing inside?
(a) One
(b) Four
(d) Two
(e) None of these

Directions (16-20): In each question below are given some statements followed by two conclusions numbered I and II. 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. Give answer
(a) If only conclusion I follows.
(b) If only conclusion II follows.
(c) If either conclusion I or II follows.
(d) If neither conclusion I nor II follows.
(e) If both conclusions I and II follow.

## 16. Statements:

Only a few summer are rain.
No rain is water.
Only water are river.
Conclusions:
I. Some river is rain is a possibility.
II. Only summer is rain is a possibility.

## 17. Statements:

Some pearl are emerald.
No emerald are opal.
No opal are sapphire.
Conclusions:
I. Some sapphire are not emerald.
II. No emerald are sapphire

## 18. Statements:

Only lily are roses.
No lily is jasmine.
Only few jasmine are marigold.
Conclusions:
I. All marigold is jasmine is a possibility
II. Some rose is marigold is a possibility

## 19. Statements:

No circle is square.
All triangle is square.
No line is triangle.

## Conclusions:

I. Some triangle is circle is a possibility
II. No line is square

## 20. Statements:

Only a few purple are yellow.
Only a few yellow is white.
Only white are green
Conclusions:
I. Some green is yellow is a possibility
II. All yellow is purple is a possibility

Directions (21-25): Study the following information to answer the given questions.

Eight players A, B, C, D, E, F, G and H live on separate floors of an Eight-floor building but not necessarily in the same order. The ground floor is numbered 1, the first floor is numbered 2 and so on till the topmost floor which is numbered as 8 . They all like different brands- Roadster, Allen Solly, Levi's, Puma, Adidas, Reebok, Blackberry and Arrow (but not necessarily
G likes Levi's and lives on an odd numbered floor but above first floor. The one who likes Reebok lives on an even numbered floor above G. Two persons live between the one who likes Reebok and the one who likes Puma. F likes Roadster. Three persons live between H and F , who lives above H . F does not live on an even numbered floor. C lives immediately above E. D likes Arrow. Three persons live between the one who likes Allen Solly and the one who likes Arrow. B lives above A but not on top floor. The one who likes Adidas lives on an even numbered floor below the one who likes Allen Solly.
21. The person who lives on $3^{\text {rd }}$ floor like which of the following brand?
(a) Arrow
(b) Roadster
(c) Allen Solly
(d) Puma
(e) None of these
22. How many persons live between D and the one who likes Adidas?
(a) None
(b) four
(c) three
(d) two
(e) more than four
23. G lives on which floor?
(a) $5^{\text {th }}$ floor
(b) $3^{\text {rd floor }}$
(c) 7th floor
(d) $1^{\text {st }}$ floor
(e) $4^{\text {th }}$ floor
24. Which of the following is true about B ?
(a) B likes Blackberry
(b) B lives immediate above A
(c) Only two persons live between B and E
(d) The one who likes Roadster lives immediate above B
(e) B lives on $4^{\text {th }}$ floor
25. Who lives exactly between F and the one who likes Puma?
(a) A
(b) C
(c) the one who likes Levi's
(d) B
(e) the one who likes Arrow

Directions (26-28): Study the information carefully and answer the questions given below.

P is father of M who is brother in law of K . N is daughter in law of Z who is grandmother of L. P has only two children one son and one daughter. X is sister in law of N . P is father in law of N . K is unmarried.
26. If $K$ is wife of $J$, then what could be the relation of $J$ with respect to N ?
(a) Brother
(b) Brother in law
(c) Uncle
(d) Cannot be determined
(e) None of these
27. What is relation of $L$ with respect to $X$ ?
(a) Nephew
(b) Niece
(c) Son
(d) Daughter
(e) Cannot be determined
28. How is P related to L?
(a) Father
(b) Mother
(c) Grand father
(d) Cannot be determined
(e) None of these.
29. If it is possible to make only one meaningful English word from the $1^{\text {st }}, 6^{\text {th }}, 8^{\text {th }}$ and the $10^{\text {th }}$ letters of the word 'INFORMATION', using each letter only once, second letter of that word is your answer. If more than one such word can be formed, your answer is X . If no such word can be formed, your answer is $Y$.
(a) T
(b) M
(c) 0
(d) X
(e) Y
30. How many pairs of letters are there in the word 'SCHEDULE', each of which have as many letters between then in the word as they have between then in the English alphabet?
(a) Three
(b) One
(c) None
(d) Two
(e) More than three

Directions (31-35): Study the following information carefully and answer the given questions:

Nine students A, B, C, D, E, F, G, H and I are sitting in a straight line equidistant from each other, but not necessarily in the same order. Some of them are facing south while some are facing north.
$F$ sits third from one of the extreme ends of the row and facing same direction as I but opposite to $H$. More than three persons sits between B and F. A sits second to the left of the one who sits third to the right of B who is facing south. I sits third to the right of E, neither I nor E immediate neighbour of F. Only three persons sit between $G$ and $E$ and both are facing same direction. Four persons sit between C and D both are facing same direction as B. Both immediate neighbour of E facing same direction. H is not immediate neighbor of C .
31. Who among the following sits third to the left of E ?
(a) A
(b) B
(c) C
(d) D
(e) F
32. How many persons sits between $F$ and the one who sits second right of I?
(a) None
(b) two
(c) three
(d) one
(e) four
33. How many persons are facing south direction?
(a) Two
(b) Three
(c) Five
(d) One
(e) Four
34. What is the position of $D$ with respect of $F$ ?
(a) Fourth to the left
(b) Immediate right
(c) Fifth to the right
(d) Immediate Left
(e) Third to the right
35. Who among the following sits third from the left end?
(a) E
(b) G
(c) C
(d) A
(e) F

Direction (36-38): Study the following information carefully and answer the given questions.

There are seven members in a family i.e. A, F, D, B, C, E and G of three generation. There are two married couples. A and F are siblings. B 's husband has only one child. G is niece of $F$ and $D$ is father of $F$. C is brother in law of F. F is husband of B.
36. How many male members in the family?
(a) Two
(b) Three
(c) Four
(d) One
(e) Can't be determine
37. How A is related to E?
(a) Mother
(b) Father
(c) Brother
(d) Aunt
(e) Uncle
38. Who among the following is mother of E ?
(a) B
(b) F
(c) A
(d) C
(e) G
TEST SERIES
ENGLISH
ASST. GENERAL MANAGER
(General Administration)
$20 T O T A L T E S T S$
39. If all the letters in the word 'COUNTRY' are arranged in alphabetical order from left to right in such a way that vowels are arranged first followed by consonants, then how many letters are there in between $U$ and $T$ after the arrangement?
(a) Two
(b) One
(c) None
(d) Three
(e) Four
40. Among five friends A, B, C, D, and E, B is taller than C. E is taller than A . D is shorter than A but taller than B . Who among them is third tallest person?
(a) E
(b) C
(c) B
(d) A
(e) D

Direction (41-44): Study the information and answer the following questions:
A is 20 m in north of $D$. C is 5 m east of $D$. $E$ is 10 m north of C. F is 10 m east of $E$. G is 15 m south of $F$. $X$ is 15 m west of G. B is 10 m to the east of $A . Z$ is 10 m to the south of $B . L$ is 10 m to east of C .
41. What is the direction of point $A$ with respect to point G?
(a) North-west
(b) South-east
(c) North
(d) South-west
(e) North-east
42. Four of the following are alike in a certain way so form a group, which of the following does not belong to that group?
(a) EF
(b) EC
(c) LG
(d) BZ
(e) CL
43. What is distance between point F and L ?
(a) 10 m
(b) 5 m
(d) 20 m
(e) 25 m
(c) 15 m
44. How far is point $Z$ from point $C$ ?
(a) 5 m
(b) 10 m
(c) 15 m
(d) 20 m
(e) none of these

Directions (45): Study the following information to answer the given questions:

Given
A*B means $B$ is 1 m east to $A$
$A @ B$ means $B$ is 1 m west to $A$
$A \# B$ means $B$ is 1 m south to $A$
$A \% B$ means $B$ is 1 m north to $A$
$A!B$ means $B$ is $2 m$ east to $A$
45. If R @ P \# Q ! $\mathrm{S}^{*} \mathrm{~T}$, is definitely true, then in which direction is S with respect to R ?
(a) south-east
(b) south-west
(c) north-east
(d) north-west
(e) none of these

Directions (46-50): In these questions, relationship between different elements is shown in the statements. The statements are followed by conclusions. Study the conclusions based on the given statements and select the appropriate answer. Give answer-
(a) If only conclusion II is true
(b) If only conclusion I is true
(c) If both conclusions I and II are true.
(d) If either conclusion I or II is true
(e) If neither conclusion I nor II is true.
46. Statements: $\mathrm{S} \leq \mathrm{L} \leq \mathrm{I}=\mathrm{P} \geq \mathrm{E}>\mathrm{R} ; \mathrm{L}>\mathrm{Q}$

Conclusions: I. $\mathrm{P} \geq \mathrm{S} \quad$ II. $\mathrm{I}>\mathrm{R}$
47. Statements: $\mathrm{G}>\mathrm{R} \geq \mathrm{E}=\mathrm{A} \leq \mathrm{T} \leq \mathrm{S}$; $\mathrm{D} \leq \mathrm{A} \leq \mathrm{J}$

Conclusions: I. $\mathrm{T} \geq \mathrm{D} \quad$ II. $\mathrm{R}>\mathrm{S}$
48. Statements: $A \geq B>C \leq D \leq E<F$

Conclusions: I. $\mathrm{A} \geq \mathrm{E}$
II. $\mathrm{C}<\mathrm{F}$
49. Statements: $\mathrm{G}>\mathrm{R} \geq \mathrm{E}=\mathrm{A} \leq \mathrm{T} \leq \mathrm{S} ; \mathrm{D} \leq \mathrm{A} \leq \mathrm{J}$

Conclusions: I. J > G
II. J = G
50. Statements: $\mathrm{S} \leq \mathrm{L} \leq \mathrm{I}=\mathrm{P} \geq \mathrm{E}>\mathrm{R} ; \mathrm{L}>\mathrm{Q}$

Conclusions: I. $\mathrm{L}<\mathrm{R} \quad$ II. $\mathrm{E} \geq \mathrm{Q}$


## SOLUTIONS

Solutions (1-5):

| Boxes | Food Items |
| :---: | :---: |
| B | Pizza |
| D | Burger |
| F | Cake |
| G | Sandwich |
| C | Shake |
| E | Fries |
| A | Pasta |

1. (d):
2. (c):
3. (a):
4. (b):
5. (b):

Solution (6-10):

| Word | Code |
| :---: | :---: |
| Strong | Mk |
| Today | Ed |
| Source | Uv |
| Predict | Ho |
| Style | Ip |
| Trade | Sn |
| Travel/Power | $\mathrm{wt} / \mathrm{tx}$ |

6. (b):
7. (c):
8. (b):
9. (c):
10. (d):

## Solutions (11-15):


11. (d):
12. (d):
13. (c):
14. (a):
15. (b):

Solutions (16-20):
16. (b):

17. (d):

18. (a):

19. (d):

20. (b):


Solutions (21-25):

| Floor | Person | Brands |
| :---: | :---: | :---: |
| 8 | D | Arrow |
| 7 | F | Roadster |
| 6 | B | Reebok |
| 5 | G | Levi's |
| 4 | A | Allen Solly |
| 3 | H | Puma |
| 2 | C | Adidas |
| 1 | E | Blackberry |

21. (d):
22. (e):
23. (a):
24. (d):
25. (c):
26. (b):

27. (e):

28. (c):

29. (b):OMIT
30. (a):


Solution (31-35):

31. (c):
32. (b):
33. (c):
34. (a):
35. (e):

Solution (36-38):

36. (e):
37. (d):
38. (a):
39. (d):Original Word- COUNTRY

After arrangement- OUCNRTY
40. (e): $\quad \mathrm{E}>\mathrm{A}>\mathrm{D}>\mathrm{B}>\mathrm{C}$

Solutions (41-44):

41. (a):
42. (c):
43. (a):
44. (e):
45. (a):


Solutions (46-50):
46. (c):
I. $\mathrm{P} \geq \mathrm{S}$ (True)
II. I > R (True)
47. (b):I. $\mathrm{T} \geq \mathrm{D}$ (True)
II. R > S (False)
48. (a):I. A $\geq \mathrm{E}$ (False)
II. $\mathrm{C}<\mathrm{F}$ (True)
49. (e): I. J > G (False)
II. J = G (False)
50. (e):I. L < R (False)
II. $\mathrm{E} \geq \mathrm{Q}$ (False)


