SECTION WISE REASONING SET FOR LIC AAO
REASONING APTITUDE

Directions (1-5): Study the following information carefully to answer the given questions.

Eight person from different banks viz.. UCO Bank, Syndicate Bank, PNB, Dena Bank, Canara Bank, Oriental Bank Of Commerce, Indian Bank and Bank of Maharashtra are sitting in two parallel rows containing four people each, in such a way that there is an equal distance between adjacent persons. In row-1 A, B, C and D are seated and all of them are facing south. In row-2 P, Q, R and S are seated and all of them are facing north. Therefore, in the given sitting arrangement each member seated in a row faces another member of the other row. (All the information given above does not necessarily represent the order of seating as in the final arrangement. C sits second to the right of the person from Bank of Maharashtra. R is an immediate neighbor of the person who faces the person from bank of Maharashtra. Only one person sits between R and the person from PNB. Immediate neighbor of the person from PNB faces the person from Canara bank. The person from UCO bank faces the person from OBC. R is not from OBC. P is not from PNB. P does not face the person from Bank of Maharashtra. Q faces the person from Dena Bank. The one who faces S sits to the immediate left of A. B does not sit at any of the extreme end of the line. The person from Bank of Maharashtra does not face the person from Syndicate bank.

1. Which of the following is **true** regarding A?
   (1) The person from UCO Bank faces A
   (2) The person from Bank of Maharashtra is an immediate neighbour of A
   (3) A faces the person who sits second to the right of R
   (4) A is from Oriental Bank of commerce
   (5) A sits at one of the extreme ends of the line

2. Who is seated between R and the person from PNB ?
   (1) The person from Oriental Bank of commerce
   (2) P   (3) Q
   (4) The person from Syndicate bank
   (5) S

3. Who amongst the following sit at extreme ends of the rows?
   (1) D and the person from PNB
   (2) The person from Indian Bank and UCO Bank
   (3) The person from Dena Bank and P
   (4) The person from syndicate Bank and D
   (5) C, Q

4. Who amongst the following faces the person from Bank of Maharashtra?
   (1) The person from Indian Bank
   (2) P
   (3) R
   (4) The person from syndicate Bank
   (5) The person from Canara Bank

5. P is related to Dena Bank in the same way as B is related to PNB based on the given arrangement. To who amongst the following is D related to, following the same pattern?
   (1) Syndicate Bank   (2) Canara Bank
   (3) Bank of Maharashtra   (4) Indian Bank
   (5) OBC

Directions (6-10): In each question below are given three statements followed by four conclusions numbered I, II, III and IV. 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.

6. **Statements: a.** No mats are bedsheets.
   b. All mats are chairs.   **c.** All chairs are desks.
   Conclusions: I. All desks are mats.
   II. Some bedsheets are not desks.
   III. Some chairs are not bedsheets.
   IV. All mats are desks.
   1) All follow   2) Only II, III and IV follow
   3) Only I, III and IV follow
   4) Only III and IV follow
   5) None of these

7. **Statements: a.** All stoves are chimneys.
   b. No almirahs are chimneys.
   c. Some tongs are stoves.
   Conclusions: I. Some chimneys are tongs.
   II. Some tongs are not almirahs.
   III. No stoves are almirahs.
   IV. Some tongs are not stoves.
   1) All follow   2) Only I, II and III follow
   3) Only II, III and IV follow
   4) Only II and III follow
   5) None of these

8. **Statements: a.** Some tumblers are jars.
   b. All jars are ladles. **c.** All ladles are spoons.
   Conclusions: I. All jars are spoons.
   II. Some tumblers are spoons.
   III. Some ladles are tumblers.
   IV. Some spoons are not jars.
   1) All follow   2) Only I, II and III follow
   3) Only II, III and IV follow
   4) Only I and III follow
   5) None of these

9. **Statements: a.** No sieves are boxes.
   b. All baskets are sieves.
   c. All umbrellas are baskets.
   Conclusions: I. Some sieves are not baskets.
   II. Some boxes are not sieves.
   III. All baskets are umbrellas.
   IV. Some baskets are not umbrellas.

1) None follows   2) Only I, II and III follow
3) Only I, II and IV follow
4) Only either III or IV follows
5) None of these

10. Statements: a. Some thimbles are bobbins.
b. No bobbins are combs.
c. No bobbins are machines.
Conclusions: I. No combs are machines.
II. Some combs are machines.
III. Some thimbles are not machines.
IV. Some thimbles are not combs.
1) All follow   2) Only I, III and IV follow
3) Only II, III and IV follow   4) Only II and IV follow
5) None of these

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

When a machine is given an input line of words and numbers it arranges them following a particular rule. The following is an illustration of input and rearrangement:
(All the numbers are two digit numbers)

Input: 40 made butter 23 37 cookies salt extra 52 86 92 fell now 19

Step I: butter 19 40 made 23 37 cookies salt extra 52 86 92 fell now

Step II: cookies 23 butter 19 40 made 37 salt extra 52 86 92 fell now

Step III: extra 37 cookies 23 butter 19 40 made salt 52 86 92 fell now

Step IV: fell 40 extra 37 cookies 23 butter 19 made salt 52 86 92 now

Step V: made 52 fell 40 extra 37 cookies 23 butter 19 salt 86 92 now

Step VI: now 86 made 52 fell 40 extra 37 cookies 23 butter 19 salt 92

Step VII: salt 92 now 86 made 52 fell 40 extra 37 cookies 23 butter 19

Step VII is the last step.

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

Input: 32 proud girl beautiful 48 55 97 rich family 61 72 17 nice life

11. How many steps will be required to complete the given input?
(1) Five   (2) Six   (3) Seven
(4) Eight   (5) Nine

12. Which of the following is the third element from the left end of step VI?
(1) beautiful   (2) life   (3) 61
(4) nice   (5) 17

13. Which of the following is step III of the given input?
(1) proud 72 girl 48 family 32 beautiful 17 55 97 rich 61 nice life
(2) life 55 girl 48 family 32 beautiful 17 proud 97 rich 61 72 nice
(3) girl 48 family 32 beautiful 17 proud 55 97 rich 61 72 nice life
(4) family 32 beautiful 17 proud girl 48 55 97 rich 61 72 nice life
(5) girl 48 life 55 family 32 beautiful 17 proud 97 rich 61 72 nice

14. What is the position of "nice" from the left end in the final step?
(1) Fifth   (2) Sixth   (3) Seventh
(4) Eighth   (5) Ninth

15. Which element is third to the right of 'family' in Step V?
(1) beautiful   (2) 17   (3) proud
(4) 97   (5) 32

Directions (16-20): In the following questions, the symbols $, @, ©, % and # are used with the following meaning as illustrated below:
'P $ Q' means 'P is not smaller than Q'
'P @ Q' means 'P is not greater than Q'
'P © Q' means 'P is neither greater than nor equal to Q'
'P % Q' means 'P is neither smaller than nor equal to Q'
'P # Q' means 'P is neither greater than nor smaller than Q'
Now in each of the following questions assuming the given statements to be true find which of the conclusions I, II and III given below them is/are **definitely true** and give your answer accordingly.

16. Statements : M © T, T @ J, J # D
Conclusions : I.   D#T   **II.** D%T **III.** D%M
(1)   All are true   (2)   Only I is true
(3)   Only II is true   (4)   Only either I or II is true
(5)   Only either I or II and III are true

17. Statements : H $ J, J © M, M @ T
Conclusions : I. H%M   **II.** H$T **III.** T%J
(1)   Only I is true   (2)   Only III is true
(3)   Only II is true   (4)   I and II are true
(5)   None of these

18. Statements : R @ N, N % E, E # K
Conclusions : I. R©K   **II.** K%N **III.** E%R
(1)   None is true   (2)   Only II is true
(3)   Only I is true   (4)   Only III is true
(5)   II and III are true

19. Statements : M © K, K % T, T $ R
Conclusions : I. R©K   **II.** R©M   **III.** T©M
(1)   Only I is true   (2)   Only II is true
(3)   Only III is true   (4)   I and II are true
(5)   None of these

20. Which of the following symbols would come in place of question mark (?) in the expression given below to make `S < U' definitely true?
P $\geq$ Q > R $\geq$ S < T ? U = V
1)>   2) $\geq$ 3) <
4) $\leq$ 5) Either < or $\leq$

Directions (21-25): Study the following information carefully and answer the questions given below:

Seven people N, K, T, B, M, W and R have their weekly offs on different days of the week i.e. Sunday, Monday, Tuesday, Wednesday, Thursday, Friday and Saturday not necessarily in that order. Each of them has a liking for different cuisine i.e. Indian, Italian, Mexican, Chinese, Spanish, Continental and Thai, not necessarily in that order. K likes Thai food and gets his weekly off on Thursday. B likes Italian food and does not have off on Sunday. M has weekly off on Saturday and R has his weekly off on Tuesday. W likes continental food whereas the one who has weekly off on Monday likes Mexican cuisine. T does not like Spanish cuisine and has weekly off on

Wednesday. The one who likes Indian food does not have a weekly off on Tuesday or Wednesday.

21. Who has a weekly off on Friday?
    (1) T   (2) R   (3) W
    (4) Data inadequate (5) None of these

22. What cuisine does R like?
    (1) Continental   (2) Indian   (3) Italian
    (4) Spanish   (5) None of these

23. On which day does N have weekly off ?
    (1) Tuesday (2) Friday   (3) Monday
    (4) Sunday   (5) None of these

24. Who likes Chinese cuisine?
    (1) T   (2) B   (3) R
    (4) N   (5) None of these

25. On which day does W have weekly off?
    (1) Monday (2) Sunday   (3) Wednesday
    (4) Data inadequate (5) None of these

Direction (26-30): In each question below is given a statement followed by two courses of action numbered I and II. A course of action is a step or administrative decision to be taken for improvement, follow-up or further action in regard to the problem, policy etc on the basis of the information given in the statement. You have to assume everything in the statement to be true. Then decide which of the two given suggested courses of action logically follows for pursuing. Give answer
1) if only I follows.
2) if only II follows.
3) if either I or II follows.
4) if neither I nor II follows.
5) if both I and II follow.

26. Statement: It is a buyer's market and the customers should be well treated.

Courses of action:
I. Employees should be rated on the basis of their performance.
II. A company should talk to its customers to know what they want.

27. Statement: In this age of cut-throat competition, more and more people are beginning to suffer from stress.
Courses of action:
I. People should resort to meditation to reach their inner selves.
II. A regular exercise regimen should be adopted to keep body and mind fit.

28. Statement: Deaths have taken place in Mumbai due to a "mysterious fever".
Courses of action:
I. Blood samples of those affected by the fever should be sent for confirmatory diagnosis to reputed institutions.
II. Routine malaria tests should be carried out on every patient affected with the fever.

29. Statement: Though there are talks of globalization, foreign direct investment (FDI) is still a far cry.
Courses of action:
I. The process of granting permission to FDI should be decentralized.
II. The govt. should increase investment in agriculture.

30. Statement: City X has won the bid to host the Olympic Games in 2016.
Courses of action:
I. The city should invite delegates from across the world to oversee its preparations.
II. City X should bid to host the Asian Games also.