**SECTION WISE REASONING PRACTICE SET FOR LIC AAO**

**Directions (1-5):** Study the following information and answer the question given.

Ten people are sitting in two parallel rows containing five people each, in such a way that there is an equal distance between adjacent persons. In row 1: P, Q, R, S and T are seated and all of them are facing south. In row 2: A, B, C, D and E 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. D sits third to the left of A. P faces the immediate neighbour of D. R sits second to the right of P. Only one person sits between Q and S. B and E are immediate neighbours of each other. E does not face P and Q.

1. How many persons are seated between Q and T?
   (1) none          (2) one          (3) two
   (4) three          (5) cannot be determined

2. Who among the following represent the people sitting exactly in the middle of the rows?
   (1) P, E          (2) S, D          (3) S, A
   (4) A, R          (5) P, B

3. Which of the following is true regarding B?
   (1) A and C are immediate neighbours of B
   (2) B sits at one of the extreme ends of the line.
   (3) Q faces B
   (4) T is an immediate neighbour of the person facing B.
   (5) D sits to the immediate left of B.

4. Four of the following five are alike in a certain way and thus form a group. Which is the one that does not belong to that group?
   (1) T – E          (2) Q – C          (3) S – B
   (4) R – A          (5) P - D

5. Who among the following face S?
   (1) A          (2) B          (3) C
   (4) D          (5) E

**Directions (6-10):** In each question below are given two/three 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

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.

**(6-7):**

**Statements:** No salman is a shahrukh. Some aamir are salman. All ajay are shahrukh.

6. **Conclusions:**
   I. All aamir being shahrukh is a possibility.
   II. All salman being ajay is a possibility.

7. **Conclusions:** I. Some shahrukh are not aamir.
   II. No ajay is a salman.

8. **Statements:** Some katrina are deepika. Some priyanka are sonam. All sonam are deepika.
   **Conclusions:**
   I. All katrina being sonam is a possibility.
   II. Some deepika are not priyanka is a possibility.

9. **Statements:** All rohit are anurag. All imtiaz are aditya. Some anurag are not aditya.
   **Conclusions:** I. Some anurag are not imtiaz.
   II. No rohit is a aditya.

10. **Statements:** No imran is a shahid. Some imran are ranveer. All shahid are tiger.
    **Conclusions:**
    All shahid being ranveer is a possibility.
    II. Some tiger are not imran.

**Directions (11-13):** Study the following information and answer the question given.

Six members of a family A, B, C, D, E and F are enjoying in a garden; B is the son of C but C is not the mother of B. A and C are a married couple. E is the brother of C. D is the daughter of A. F is the brother of B.

11. How many children does A have?
    (1) 1          (2) 2          (3) 3
    (4) 4          (5) None of these

12. Who is the wife of E?
    (1) A          (2) F          (3) B
    (4) cannot be determined     (5) None of these

13. Which of the following is a pair of females?
    (1) AE          (2) BD          (3) DF
    (4) AD          (5) None of these

**Directions (14-15):** In each of these questions, a statement is given followed by two conclusions numbered I and II. we have to assume everything in the statement to be true and then consider the two conclusions together to decide which of them logically follows beyond a reasonable doubt from the information given in the statement.

Mark your answer as:
(1) If only conclusion I follows
(2) If only conclusion II follows
(3) If either I or II follows
(4) If both the conclusions I and II follows
(5) If neither conclusion I nor II follows

**14. Statement:** The minimum qualification for this job is graduation. However, candidates who have appeared for the final year of graduation can also apply.

**Conclusions: I.** All candidates who are yet to graduate will be there in the list of selected candidates.

**II.** All candidates having graduation as their minimum qualification will be there in the list of selected candidates.

**15. Statement:** Company 'X' had asked its employees to declare their income and assets but it has been strongly opposed by the employees' union and no employee is going to declare his/her income.

**Conclusions: I.** The employees of the company 'X' do not seem to have any additional income besides their salary.

**II.** The employees union want all the senior officers to declare their income first.

**Directions (16-20):** Study the following information carefully and answer the given questions:

Seven persons Ratan Tata, Mukesh Ambani, Anil Ambani, Rahul Bajaj, Sunil Mittal, K.P. Singh and Anand Mahindra conduct workshop on Developing Managerial skills in seven different companies Bajaj, Airtel, Aircel, Idea, Reliance, Mahindra and Tata on a different day of the week from Monday to Sunday. The order of persons, companies and days of the week are not necessarily the same.

Mukesh Ambani organizes workshop in Company Idea on Wednesday. Rahul Bajaj does not conduct workshop for companies Bajaj or Aircel and conducts on the next day of Sunil Mittal who conducts the workshop for Company Mahindra. K.P. Singh conducts workshop for Company Reliance on Friday. Anand Mahindra conducts workshop on Monday but not for Company Aircel or Tata. Anil Ambani conducts workshop for Company Bajaj but not on Tuesday.

**16.** Who conducts workshop on Saturday?
(1) Anil Ambani      (2) Rahul Bajaj
(3) Sunil Mittal      (4) Rahul Bajaj or Sunil Mittal
(5) None of These

**17.** On which day does Rahul Bajaj conduct the workshop?
(1) Sunday      (2) Saturday      (3) Tuesday
(4) Cannot be determined      (5) None of These

**18.** Anil Ambani conducts workshop on which day?
(1) Saturday      (2) Sunday      (3) Tuesday
(4) Thursday      (5) None of These

**19.** Which of the following combinations of person-company and day is correct?
(1) Anand Mahindra-Airtel-Wednesday
(2) Ratan Tata-Airtel-Monday
(3) Anand Mahindra-Aircel-Monday

(4) Anand Mahindra -Tata-Sunday
(5) None of These

**20.** Who conducts workshop for Company Aircel and on which day?
(1) Ratan Tata, Thursday      (2) Ratan Tata, Tuesday
(3) Rahul Bajaj, Saturday      (4) Rahul Baja, Sunday
(5) None of These

**Directions (21-25):** Given below some words are coded in a certain language. Study these information and answer the following questions-

Take fresh vegetables – le ra sa
Fresh and pure water – sa mi nu te
Take sweet water – ra mi fi
Safe and pure – nu te ze

**21.** In this code language what does 'mi' stand for-
(1) fresh      (2) and      (3) pure
(4) water      (5) cannot be determined

**22.** Which code must be for 'pure'?
(1) sa      (2) mi      (3) nu
(4) te      (5) cannot be determined

**23.** How we can write 'take safe water' in this code language?
(1) ra ze mi      (2) ra zi fi      (3) ze mi la
(4) ra sa nu      (5) ra nu te

**24.** In this language 'go and take' may be written as:
(1) ne te ra      (2) te ra fi      (3) nu mi sa
(4) nu ki ra      (5) ki te ze

**25.** For which word code 'te' is used?
(1) take      (2) fresh      (3) and/pure
(4) sweet      (5) cannot be determined

**Directions (26-30):** In the following questions, the symbols @, #, %, $ and * are used with the following meaning as illustrated below.

'A @ B' means 'A is not smaller than B'
'A # B' means 'A is neither smaller 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 neither greater than nor equal to B'

Give answer 1) : If only conclusion 1 is true
Give answer 2) : If only conclusion 2 is true
Give answer 3) : If either conclusion 1 or 2 is true
Give answer 4) : If neither conclusion 1 nor 2 is true
Give answer 5) : If both conclusions 1 and 2 are true

**26. Statements: C#D, A@B, D*E, B%C**
**Conclusion :** (i) A*E      (ii) A@E

**27. Statements: I%J, G$H, H*I, H@K**
**Conclusion :** (i) I*J      (ii) G@K

**28. Statements: U*V, Y#Z, X$Y, W%X, V*W**
**Conclusion:** (i) U#Z      (ii) V*Y

**29. Statements: W%A, U*V, V*W, A#B, B@C**
**Conclusion:** (i) W#C      (ii) W%C

**30. Statements: K#L, J#K,I#K, L*M, M*N**
**Conclusion:** (i) J@N      (ii) J*N