Book For

Life Insurance Corporation of India

LIC AAO Reasoning Sample Paper Pdf Download

(1) If D is the brother of B, how B is related to C? To answer this question which of the statements is/are necessary?

1. The son of D is the grandson of C.
2. B is the sister of D.

[A] Only 1

[B] Only 2

[C] Either 1 or 2

[D] 1 and 2 both are required

Answer : [D]

Explanation:
Given: D is the brother of B.
From statement 1, we can detect that D is son of C (son of D is the grandson of C).
From statement 2, we can detect that B is 'Female' (sister of D).
Therefore, B is daughter of C.

(2)

1. A3P means A is the mother of P
2. A4P means A is the brother of P
3. A9P means A is the husband of P
4. A5P means A is the daughter of P

Which of the following means that K is the mother-in-law of M?

[A] M9N3K4J

[B] M9N5K3J

[C] K5J9M3N

[D] K3J9N4M

Answer : [B]

Explanation:
M9N → M is the husband of N
N5K → N is the daughter of K
Hence, → M is the son-in-law of K
K3J → K is the mother of J
Hence, → K is a lady
Hence, → K is the mother-in-law of M.

(3) If P $ Q means P is the father of Q; P # Q means P is the mother of Q and P * Q means P is the sister of Q, then N # L $ P * Q shows which of the relation of Q to N?

[A] Grand son

[B] Grand daughter

[C] Nephew

[D] Data is inadequate

Answer : [D]

Explanation: As the sex of Q is not known, hence, data is inadequate.

(4) Pointing towards a girl, Abhisek says, "This girl is the daughter of only a child of my father." What is the relation of Abhisek's wife to that girl?

[A] Daughter

[B] Mother

[C] Aunt

[D] Sister

Answer : [B]

Explanation: Only the child of my father means 'Abhisek' himself. This means the girl is the daughter od Abhisek. Hence, Abhisek's wife is the mother of the girl.

---

(5) Question: The last Sunday of March, 2006 fell on which date ?
Statements:

    I. The first Sunday of that month fell on 5th.

    II. The last day of that month was Friday.

[A] I alone is sufficient while II alone is not sufficient

[B] II alone is sufficient while I alone is not sufficient

[C] Either I or II is sufficient

[D] Neither I nor II is sufficient

[E] Both I and II are sufficient

Answer : [C]

Explanation:
From I, we conclude that 5th, 12th, 19th and 26th of March, 2006 were Sundays.
So, the last Sunday fell on 26th.
From II, we conclude that 31st March, 2006 was Friday. Thus, 26th March, 2006 was the last Sunday of the month.

---

(6) Question: Madan is elder than Kamal and Sharad is younger than Arvind. Who among them is the youngest ?
Statements:

    I. Sharad is younger than Madan.

    II. Arvind is younger than Kamal.

[A] I alone is sufficient while II alone is not sufficient

[B] II alone is sufficient while I alone is not sufficient

[C] Either I or II is sufficient

[D] Neither I nor II is sufficient

[E] Both I and II are sufficient

Answer : [B]

Explanation:
As given, we have: M > K, A > S.
From II, K > A. Thus, we have: M > K > A > S.
So, Sharad is the youngest. From I, M > S. Thus, we have: M>K>A>S or M>A>K>S or M>A>S>K.

---

(7) Question: How much money do Vivek and Suman have together ?
Statements:

    I. Suman has 20 rupees less than what Tarun has.

    II. Vivek has 30 rupees more than what Tarun has.

[A] I alone is sufficient while II alone is not sufficient

[B] II alone is sufficient while I alone is not sufficient

[C] Either I or II is sufficient

[D] Neither I nor II is sufficient

[E] Both I and II are sufficient

Answer : [D]

Explanation:
From I, we have: S = T - 20.
From II, we have: V = T + 30.
Thus, from both I and II, we have: V + S = (T + 30) + (T - 20) = (2 T + 10).
So, to get the required amount, we need to know the amount that Tarun has.

(8) Question: Who among P, Q, R, S and T is the lightest?
Statements:

    I. **R is heavier than Q and T but lighter than S.**

    II. **S is not the heaviest.**

[A] I alone is sufficient while II alone is not sufficient

[B] II alone is sufficient while I alone is not sufficient

[C] Either I or II is sufficient

[D] Neither I nor II is sufficient

[E] Both I and II are sufficient

Answer : [D]

Explanation:
From I, we have: R>Q, R>T, S>R i.e. S>R>Q>T or S>R>T>Q.
From II, S is not the heaviest. So, P is the heaviest. Thus, we have: P > S > R > Q > T or P > S > R > T > Q. Hence, either T or Q is the lightest.

(9) Question: What is the shortest distance between Devipur and Durgapur ?
Statements:

    I. **Durgapur is 20 kms away from Rampur.**

    II. **Devipur is 15 kms away from Rampur.**

[A] I alone is sufficient while II alone is not sufficient

[B] II alone is sufficient while I alone is not sufficient

[C] Either I or II is sufficient

[D] Neither I nor II is sufficient

[E] Both I and II are sufficient

Answer : [D]

Explanation:
Clearly, the distance of each village from Rampur is given in I and II. But nothing about their relative positions is mentioned. So, the distance between the two villages cannot be calculated.

(10) Question: Manoj, Prabhakar, Akash and Kamal are four friends. Who among them is the heaviest ?
Statements:

    I. **Prabhakar is heavier than Manoj and Kamal but lighter than Akash.**

    II. **Manoj is lighter than Prabhakar and Akash but heavier than Kamal.**

[A] I alone is sufficient while II alone is not sufficient

[B] II alone is sufficient while I alone is not sufficient

[C] Either I or II is sufficient

[D] Neither I nor II is sufficient

[E] Both I and II are sufficient

Answer : [A]

Explanation:
From I, we have: P > M, P > K, A > P.
Thus, A > P > M > K or A > P > K > M. So, Akash is the heaviest.
From II, we have: P > M, A > M, M > K.
Thus, A > P > M > K or P > A > M > K. So, either Akash or Prabhakar is the heaviest.

(11) Question: Which direction is Sunny facing now ?
Statements:

    I. If Sunny turns to his right and again turns to his right, he will be facing North.

    II. If Sunny walks some distance and turns left and again walks some distance, then his face will be towards left of Dinesh who is facing South.

[A] I alone is sufficient while II alone is not sufficient

[B] II alone is sufficient while I alone is not sufficient

[C] Either I or II is sufficient

[D] Neither I nor II is sufficient

[E] Both I and II are sufficient

Answer : [C]

Explanation:
From I, we conclude that Sunny is facing South, since a person facing South shall face North on turning to his right, twice.
From II, we know that after walking, Sunny shall face towards left of Dinesh facing South i.e. East and a person walking southwards shall face East on turning to 'his left.
Thus, Sunny is facing South.

(12) Question: What is Nitin's rank from the top in a class of forty students ?
Statements:

    I. There are ten students between Nitin and Deepak.

    II. Deepak is twentieth from the top.

[A] I alone is sufficient while II alone is not sufficient

[B] II alone is sufficient while I alone is not sufficient

[C] Either I or II is sufficient

[D] Neither I nor II is sufficient

[E] Both I and II are sufficient

Answer : [D]

Explanation:
Since there are ten students between Nitin and Deepak, so Nitin may be eleven ranks above or below Deepak. Thus, Nitin may be 9th or 31st from the top.

(13) Question: Among A, B, C, D and E, who is in the middle while standing in a row ?
Statements:

    I. C, who is third to the left of D, is to the immediate right of A and second to the left of E.

    II. C is second to the left of E, who is not at any of the ends and who is third to the right of A. D is at one of the ends.

[A] I alone is sufficient while II alone is not sufficient

[B] II alone is sufficient while I alone is not sufficient

[C] Either I or II is sufficient

[D] Neither I nor II is sufficient

[E] Both I and II are sufficient

Answer : [C]

Explanation:
From each one of I and II, we get the order : A, C, B, E, D. Clearly, B is in the middle.

(14) Question: How is 'DATE' written in the code language ?
Statements:

  I. DEAR is written as $#@? in that code.

  II. TREAT is written as %?#@% in that code.

  III. TEAR is written as %#@? in that code,

[A] Only I and II

[B] Only II and III

[C] All I, II and III

[D] Only I and either II or III

[E] None of these

Answer : [D]

Explanation:
Observing I, II and III, we find that similar letters have similar code symbols at the corresponding places in the code. So, this is direct-coding.
Thus, to find the code for DATE, we need the code for D which can be obtained from I only (i.e. $.) and the codes for A, T and E which can be obtained either from II or III (@, # and % respectively).

(15) Question: What is the total monthly salary of Vasu ?
Statements:

  I. Vasu's basic salary is Rs 100 more than Rajan's salary who also serves in Vasu's company.

  II. Other allowances drawn by Rajan besides his basic salary are Rs 2000 per month which is Rs 50 less than Vasu's salary.

  III. Rajan's basic salary is Rs 1550 per month,

[A] Only II

[B] Only II and III

[C] Only I and II

[D] Only I and III

[E] All I, II and III

Answer : [E]

Explanation:
From III, we have: Rajan's basic salary = Rs. 1550.
From I, we have: Vasu's basic salary = Rs. (1550 + 100) = Rs. 1650.
From II, we have: Rajan's other allowances = Rs. 2000 and Vasu's other allowances = Rs. 2050.
Therefore Vasu's monthly salary = Rs. (1650 + 2050) = Rs. 3700.

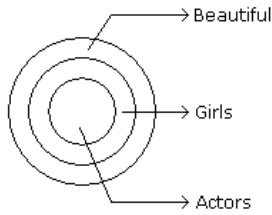**(16) Statements: All the actors are girls. All the girls are beautiful.**
Conclusions:

  I. All the actors are beautiful.

  II. Some girls are actors.

[A] Only (1) conclusion follows

[B] Only (2) conclusion follows

[C] Either (1) or (2) follows

[D] Neither (1) nor (2) follows

[E] Both (1) and (2) follow

Answer : [E]

Explanation: Both (1) and (2) follows.

(17) Statements: All the trucks are flies. Some scooters are flies.
Conclusions:

    I. All the trucks are scooters.

    II. Some scooters are trucks.

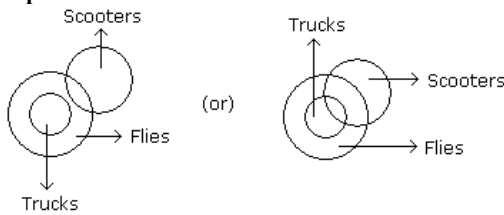[A] Only (1) conclusion follows

[B] Only (2) conclusion follows

[C] Either (1) or (2) follows

[D] Neither (1) nor (2) follows

[E] Both (1) and (2) follow

Answer : [D]

Explanation:

Neither (1) nor (2) follows.

(18) Statements: All the books are papers. Some papers are journals. Some journals are calendars.
Conclusions:

    I. Some journals are books.

    II. Some calendars are papers.

    III. Some books are journals.
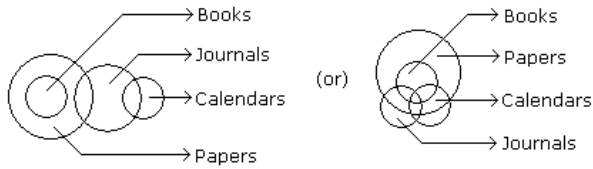
    IV. Some books are calendars.

[A] Only (1)

[B] Only (2)

[C] Only (3)

[D] Only (4)

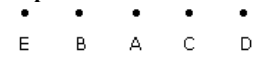[E] None of the four

Answer : [E]

Explanation: None of these follows.

---

(19) A, B, C, D and E are sitting on a bench. A is sitting next to B, C is sitting next to D, D is not sitting with E who is on the left end of the bench. C is on the second position from the right. A is to the right of B and E. A and C are sitting together. In which position A is sitting ?

[A] Between B and D

[B] Between B and C

[C] Between E and D

[D] Between C and E

Answer : [B]

Explanation:

  •   •   •   •   •
  E   B   A   C   D

Therefore, A is sitting in between B and C.

---

(20) There are 8 houses in a line and in each house only one boy lives with the conditions as given below:

   I. **Jack is not the neighbour Siman.**
  II. **Harry is just next to the left of Larry.**
 III. **There is at least one to the left of Larry.**
 IV. **Paul lives in one of the two houses in the middle.**
  V. **Mike lives in between Paul and Larry.**

If at least one lives to the right of Robert and Harry is not between Taud and Larry, then which one of the following statement is not correct ?

[A] Robert is not at the left end.

[B] Robert is in between Simon and Taud.

[C] Taud is in between Paul and Jack.

[D] There are three persons to the right of Paul.

Answer : [C]