Logical Analysis is one of the main topics in competitive exams like TNUSRB and TNPSC. It refers to the act of analyzing a situation and inferring correct results thereof. The situation under consideration should be studied objectively, all the clauses, prepositions and their inter-relation should be studied and the conclusion drawn should be reasonable. It is not analogous to ordinary sense, it is often regarded as critical reasoning tests.

It concerns the isolation of unwanted statements and the selection of only reasonable ones. Logical Analysis tests are mostly conducted during the recruitment drives of government exams like TNUSRB, TNPSC, etc.

Logical Analysis Notes for TNUSRB SI Exam

The main plan behind executing Logical Analysis tests is to evaluate the candidate's interpretation skills concerning patterns, number sequences, relationships, shapes, etc. Logical Analysis tests are quite equal to diagrammatic tests, abstract reasoning tests, and inductive reasoning tests.

In this Logical Analysis type of problem, certain inter-related words are given and numbered, tracked by different sequences of the numbers denoting them, as alternatives. The candidate is needed to organize these words in a logical sequence based on common property and then select the perfectly graded sequence from the provided data.

To Get Notes on Numerical Analysis for TNUSRB SI Exam, Download the ENTRI Learning App!

FORMATION OF WORDS:

In these types of questions in Logical Analysis, specific words are given. The candidate is needed to observe, them in the order in which they are asked.

Logical Analysis Solved Examples for TNUSRB SI Exam

Now that we are acquainted with the types of questions we may come across under this category, let us also go through some significant solved examples based on logical analysis-

Q. DNN, FPP, HRR, _____, LVV

1. GRR
2. GSS
3. JTT
4. ITT

Explanation:

The 1st letters are in alphabetical order, with a letter missing in between each segment: D, F, H, J, L. The 2nd & 3rd letters are repeated; these letters are also in order with a missed letter as was in the previous case: N, P, R, T, V.

Thus, the answer is C.

Q. Discover the next number in the sequence: 16, 30, 54, 88, 132…

1. 186
2. 188
3. 190
4. 206

Explanation:

The Logic is: the difference is 14, 24, 34, 44, 54….

Coming term should be $132 + 54 = 186$

Thus, the answer is A.

Q. Statement 1: Pens cost more than erasers.

 Statement 2: Pens cost less than pencils.

 Statement 3: Pencils cost more than erasers and pens.

 If the first two statements are true, the third one is

1. True
2. False
3. Uncertain
4. Cannot be determined

Explanation: If the first two statements are true, then Pencils are the most expensive of the three stationery items.

Thus, the answer is A.

Q. Dan is Joshua's son and Gilbert's brother. Margaret is Gilbert's mother and Judy's daughter. Which of the statements below is true?

1. Judy is Dan's mother-in-law
2. Margaret is Dan's mother
3. Judy is Joshua's grandmother
4. None of the above

Explanation: Dan and Gilbert are siblings. Nevertheless, we do not know whether they are full siblings or half brothers. Margaret, Gilbert's mother, might not be Dan's mother. Joshua, who is Dan's father, might not be Gilbert's father.

Thus, the answer is D.

Q. If there are no dancers that aren't tiny and no singers that aren't dancers, then which statements are always true?

1. There is not one tiny person that isn't a dancer
2. All singers are tiny
3. Anybody tiny is also a singer
4. None of the above

Explanation:

The tough part here is that the question is phrased negatively. This implies that we first of all need to identify the nature of each group. Then, we show the relationship between the groups. If we draw ourselves a diagram (as in the example above), the relationship between the groups becomes more apparent. The only true statement is that all singers are tiny.

Thus, the answer is B.

For Getting More Solved Questions Regarding Logical Reasoning, Download the ENTRI Learning App!

Tricks to Follow to Solve Logical Reasoning Questions

To solve logical analysis questions successfully, we are requested to follow the steps mentioned below.

1. Read the information slowly and carefully to comprehend it
2. Analyze all the critical logical data given
3. Run all the probable solutions through your mind
4. Once you get the answer, compare it to all the other options
5. Come to a valid, logical conclusion

Logical Analysis always acts as an essential part of competitive exams. Through this article, we try to note down the importance of the logical analysis section and provide some questions as an example for the test. We hope that the candidates can get an overall idea about the topic for their TNUSRB SI exam preparation. Our **ENTRI Learning App** provides detailed notes on TNUSRB SI Exam 2022. The candidates can visit our page for more details regarding TNUSRB SI Exam.