LOGICAL ABILITY

LTIMindtree

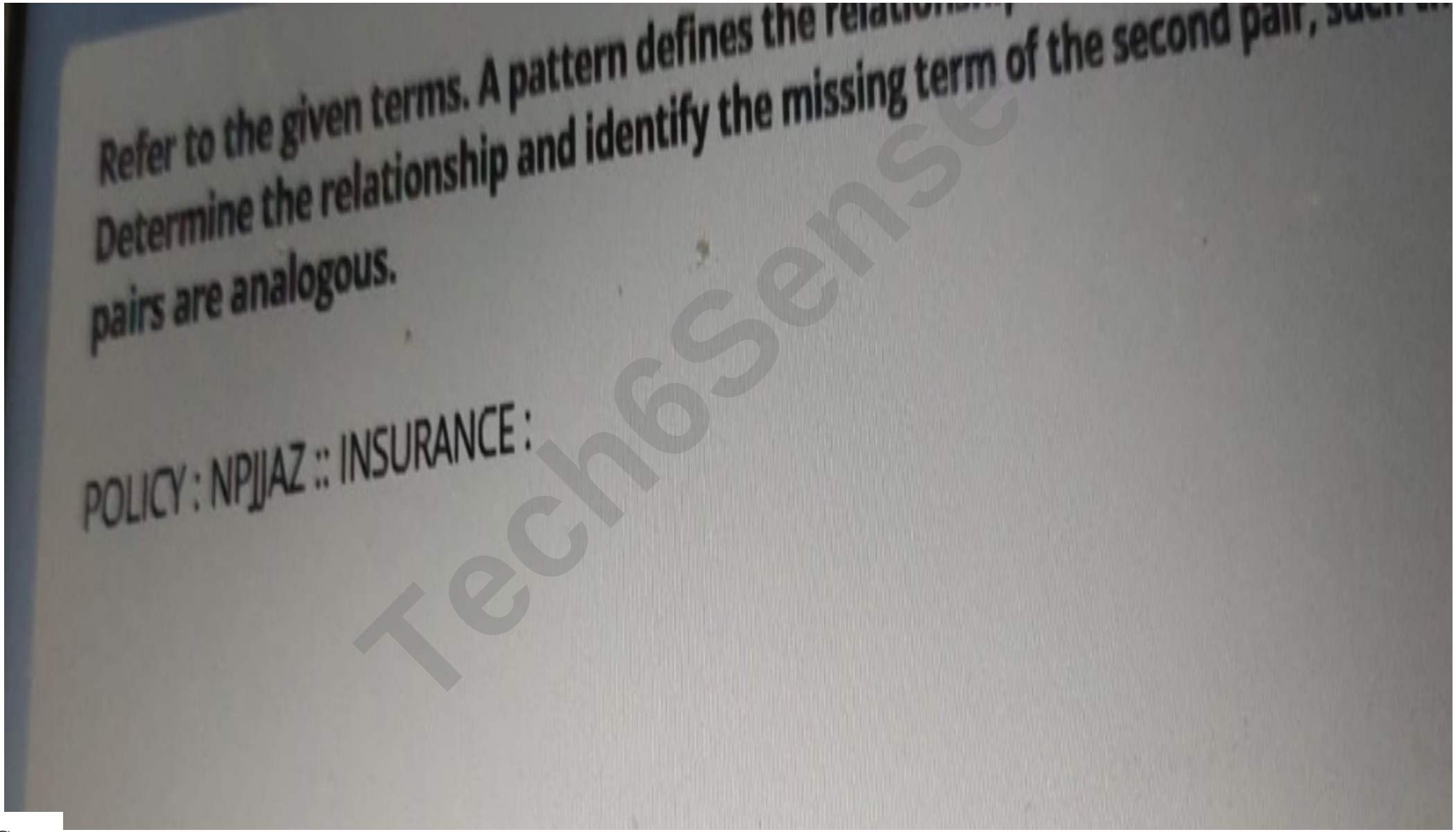
12 : 49

Choose the correct option.

Aaron was riding his bike. He rode 50 yards south and took a left turn to ride another 70 yards. After that, he took another left turn and rode 50 yards. Finally, he turned right to ride 60 more yards. How far and in which direction is he from the starting point?

Options

- 120 yards, West
- 110 yards, East
- 110 yards, West
- 130 yards, East



SHL

04 : 39

PASSAGE

The delivery charges for goods bought from ABC Company are decided according to the following procedure. The customers

1. are divided into two categories:
   a. those who have a sales region code of 10 or above
   b. those who have a sales region code of less than 10;
2. must have bought goods worth $500 or more in the previous month;
3. must not have dealership of any other similar company;
4. must not have been provided bulk discount before;
5. must have been provided a special discount of 5% or less than that in the previous dealings;
6. must have regularly ordered for more than three years.

However, if the customer

a. fulfills all the conditions except (2), and if the sales region code is less than 10, delivery charges of $10 would be levied. Delivery charges of $8 would be levied for a code more than 10;
b. fulfills all the conditions except (3), and if the sales region code is less than 10, delivery charges of $5 would be levied. Delivery charges of $12 would be levied for a code more than 10;
c. does not fulfill two or more of the conditions stated above, then s/he would have to pay delivery charges of $30 regardless of the sales region code.

Does the customer need to pay delivery charges? (The case is presented on July 12, 2011.)

There are two cases based on the given set of conditions. Take a decision for both the cases and choose the correct option for each.

Jacob is a customer whose sales region code is 14. He bought goods worth $150 from ABC Company in June. He is not a dealer for any other similar company. He has never been provided any bulk discount or special discount.

OPTIONS

- The customer need not pay any delivery charges
- The customer would have to pay $30 as delivery charges
- The customer would have to pay $10 as delivery charges
- The customer would have to pay $8 as delivery charges
- Insufficient data

13 : 34

Analyze the given word pattern and choose the correct option.

If WORD is coded as 9753, then what is the code for DOOR?

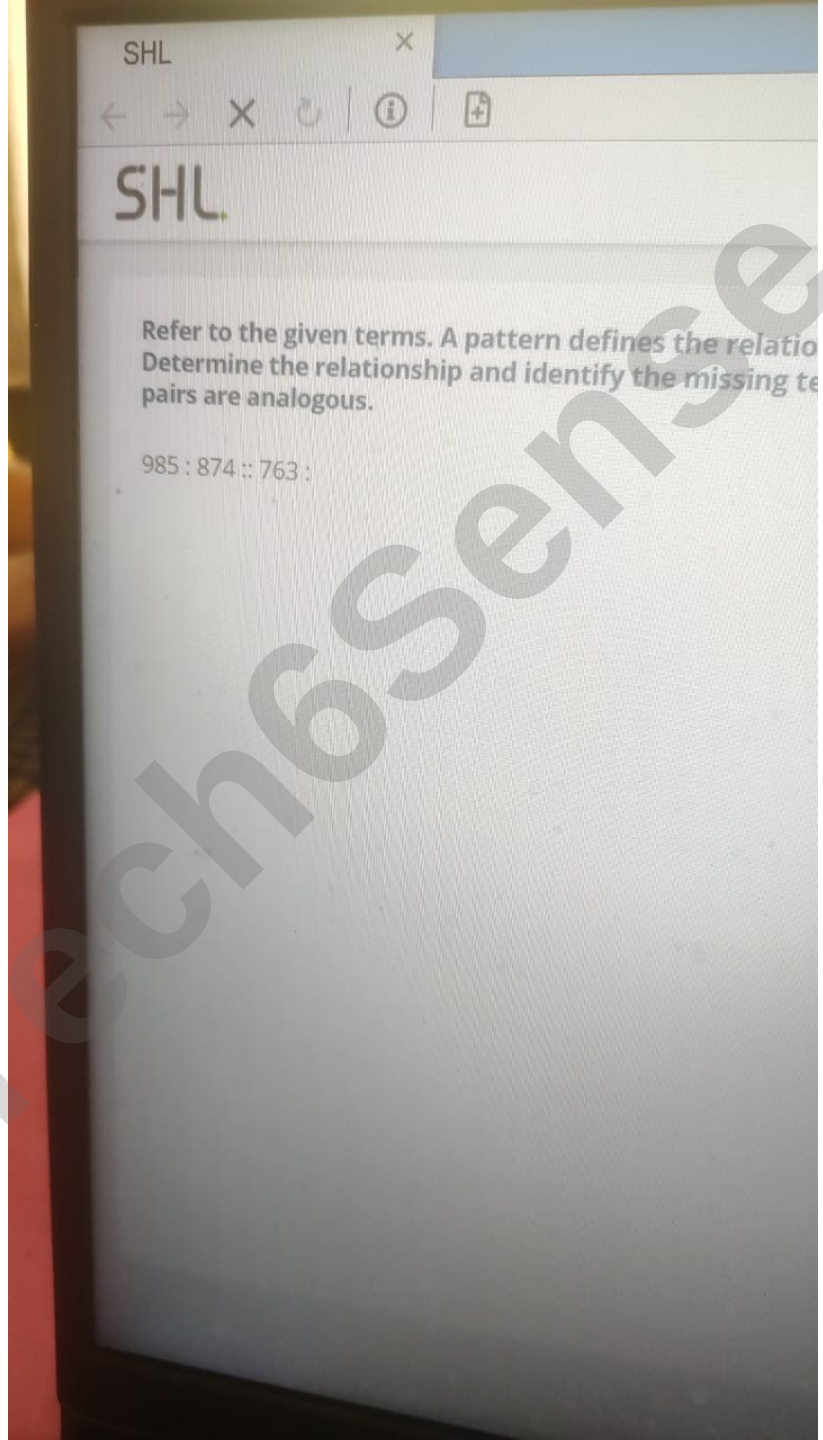
Options

3579

3559

9357

3775



"=" denotes "not less than"
"@" denotes "not equal to"
"#" denotes "less than"
"*" denotes "not greater than"
Which of the two conclusions I and II is/are definitely true based on the information provided?

Statements:

P>S, S@T, P#R

Conclusions:

I. S%R

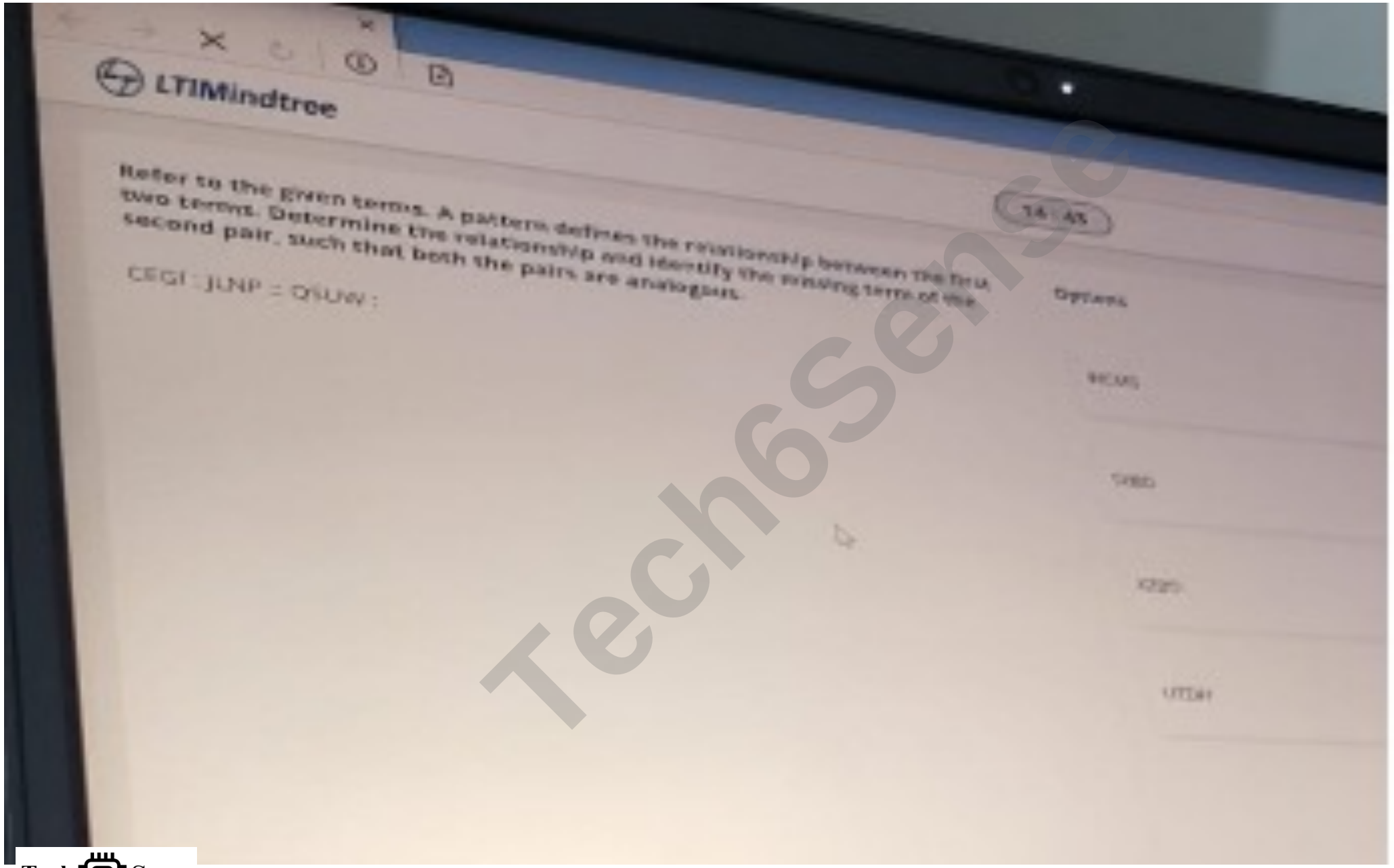
II. P@T

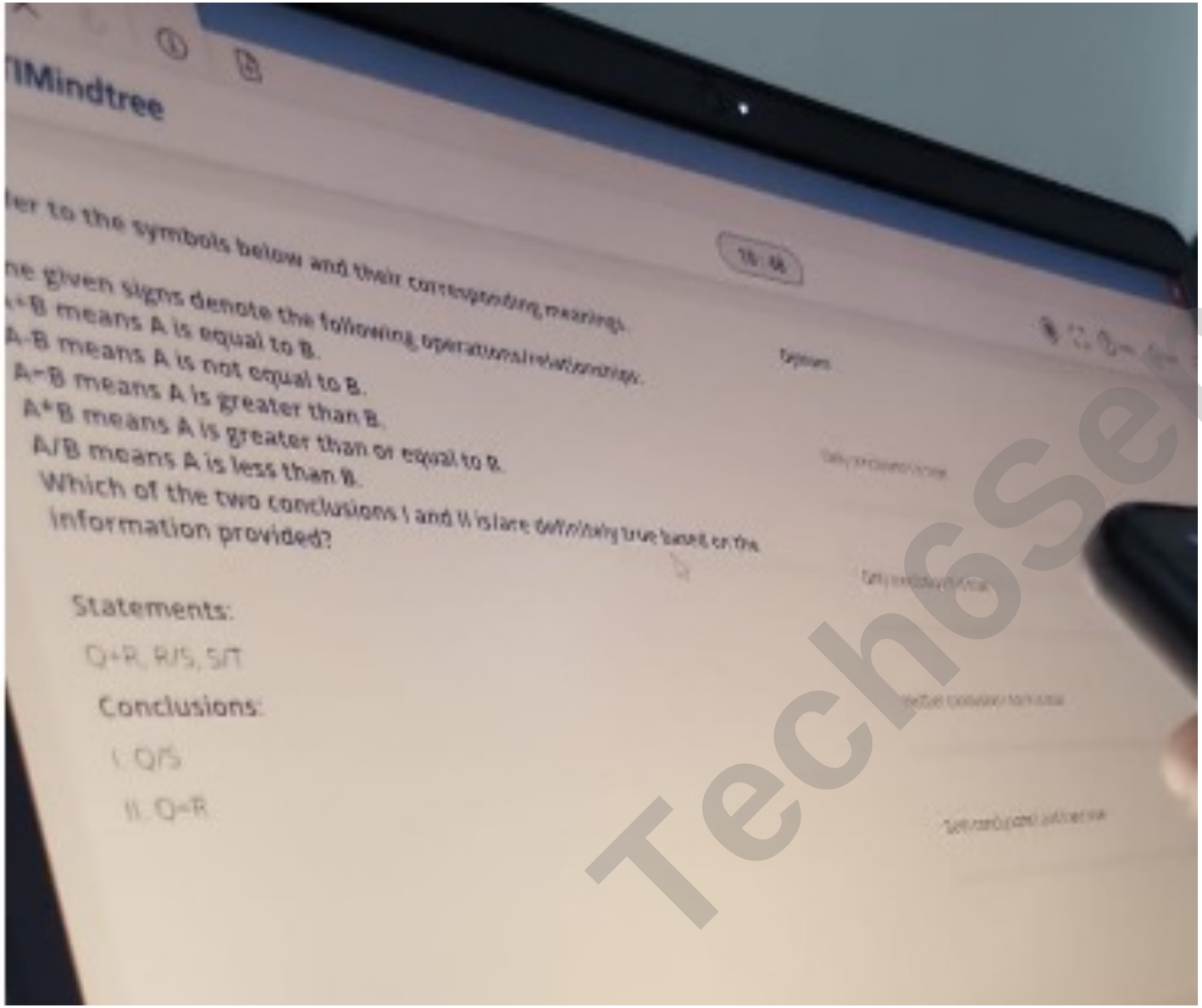
Only conclusion I is true

Only conclusion II is true

Neither conclusion I nor II is true

Both conclusions I and II are true




TIMindtree
ler to the symbols below and their corresponding meanings.
he given signs denote the following operational relationship.
A=B means A is equal to B.
A-B means A is not equal to B.
A<B means A is greater than B.
A*B means A is greater than or equal to B.
A/B means A is less than B.
Which of the two conclusions I and II is/are definitely true based on the information provided?
Statements:
Q=R, R/S, S/T
Conclusions:
I. Q/S
II. Q=R

Refer to the given terms. A pattern defines the relationship between the first two terms. Determine the relationship and identify the missing term of the second pair, such that both the pairs are analogous.

46 : 64 :: 82 :

Options

103

104

48

42

13 : 48

Refer to the given terms. A pattern defines the relationship between the first two terms. Determine the relationship and identify the missing term of the second pair, such that both the pairs are analogous.

AGD : EKH :: JOL :

Options

MUP

NTR

MSP

NTO

LTIMindtree

12 : 56

Analyze the given word pattern and choose the correct option.

If STUMP is coded as PQRJM, then what is the code for PITCH?

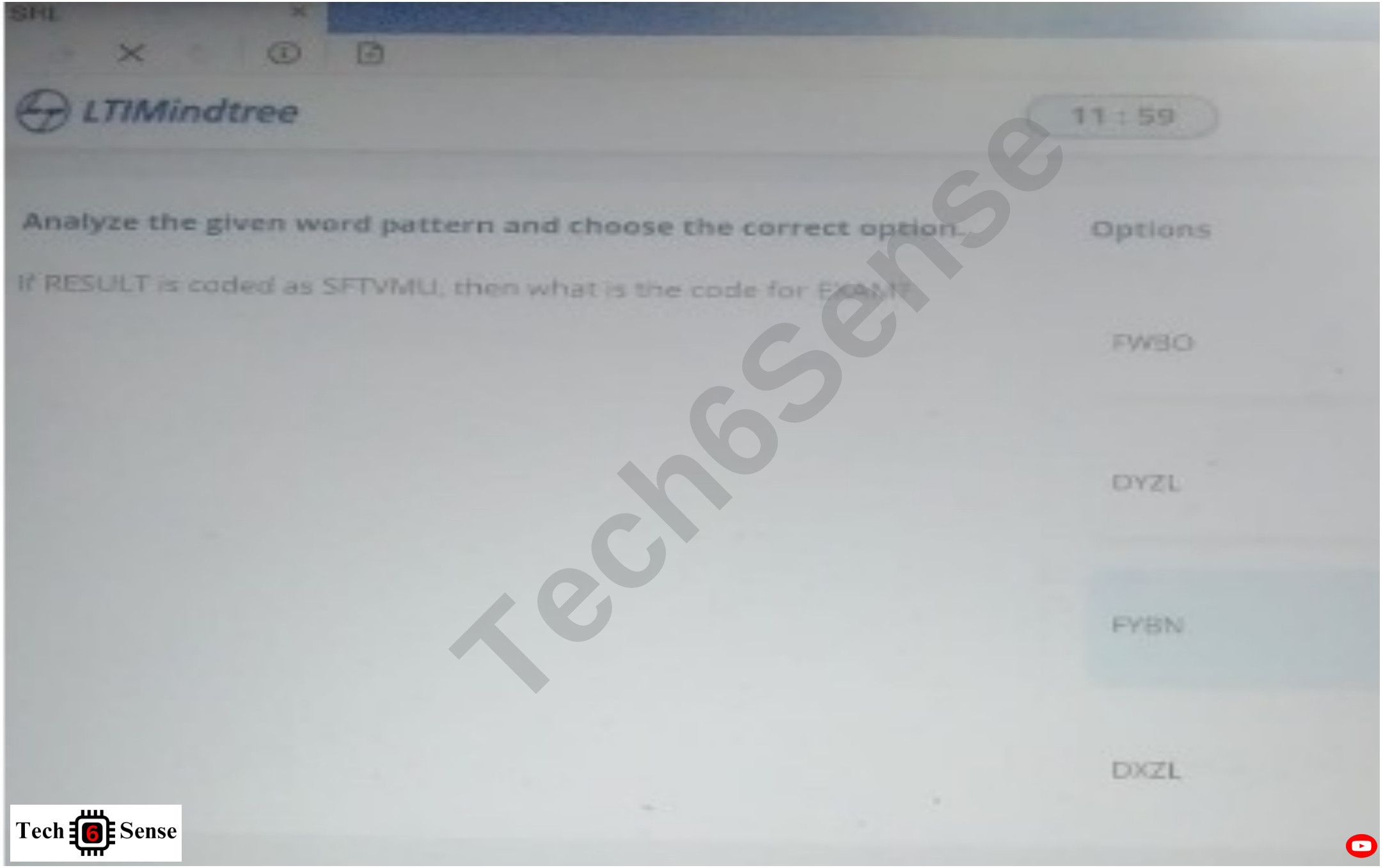
Options

MFQZE

QJUDI

MEQAE

RKVEK



LTIMindtree

11 : 05

Choose the correct option.

Options

A man moves 2 miles east, then 3 miles south and then 2 miles west. He then moves 2 miles toward the initial point from where he had started. In which direction is he from his initial position?

East

South

West

North

LTIMindtree

09 : 32

Refer to the symbols below and their corresponding meanings.

The given signs denote the following operations/relationships:
"%" denotes "greater than"
">" denotes "equal to"
"=" denotes "not less than"
"@" denotes "not equal to"
"#" denotes "less than"
"*" denotes "not greater than"
Which of the two conclusions I and II is/are definitely true based on the information provided?

Statements:

A%B, C=E, D*B

Conclusions:

I. A#D

II. C*E

Options

Only conclusion I is (n

Only conclusion II is (n

Either conclusion I or

Neither conclusion I

LTIMindtree

07 : 35

The given question is followed by two statements I and II. Decide if the statements contain sufficient information to answer the question.

Problem Question: I have four friends. What is my age?

Statements:

I) Average of our ages is 85 years.

II) All of us are of the same age.

Options

Statement I alon

Statement II alon

Both statements
question

Both the statem
the problem que

The given question is followed by two statements I and II. Decide if the statements contain sufficient information to answer the question.

Problem Question: In which month does my birthday fall?

Statements:

I) My birthday falls before October and after February.

II) My birthday falls after April and before August.

Options

Statem

Statem

Both st
questic

Both th
the pro

PASSAGE

Solar Technology Company is organizing a conference for green organizations. The company's invitee list includes those companies that satisfy the following criteria:

1. Should have an Environment Clearance Certificate;
2. Should have developed at least three solar products;
3. Should have none of its products made from synthetic polymers;

if a company satisfies all the criteria except

a. criteria (2), but it has the third product in the testing phase, then the company's case should be referred to the Chief Operating Officer of the company;

b. criteria (5), but it has a solar certification for its products from the Solar Corporation Inc., then the company's case should be referred to the Director of the company.

Should the company be invited to the conference?

The company should be invited for the conference

The company should not be invited for the conference

The case should be referred to the Chief Operating Officer

The case should be referred to the Director of the company

a decision for both the cases and choose the correct option for each.

A US based company sells batteries to its clients. The company has an Environmental Clearance Certificate. It currently produces two solar products, both of which are grade 'A' certified and do not make use of synthetic polymers in their production. The company has no legal case pending against it.

OPTIONS

The company should be invited for the conference

There are two cases based on the given set of conditions. Take a decision for both the cases and choose the correct option for each.

Leo Berbee Inc., a company with headquarters in Texas, sells different kinds of solar products to its customers. These include solar bulbs, solar cookers and solar water heaters. They are not made of synthetic polymers. The company has an Environment Clearance Certificate and its products are grade 'A' certified. The company does not have any legal case pending against it.

OPTIONS

02 : 13

Help

The company should be invited for the conference

The company should not be invited for the conference

The case should be referred to the Chief Operating Officer

The case should be referred to the Director of the company

Insufficient data

PASSAGE

The conditions to select students for the United States Hockey League (Junior) are as follows. The student should

1. be between 15-18 years of age and must have an authorization letter from the school's principal;
2. have played at least ten interschool matches;
3. have won at least five interschool matches;
4. have a recommendation letter from the school coach;
5. not have any record of misbehavior on the field, in the interschool matches played.

However, if a player satisfies all the criteria given above except

a. criterion (3) but has experience of playing at least one international match, then his/her case should be referred to the Director of the league committee;

b. criterion (1) but is 14 years of age and has a sports

4. have a recommendation letter from the school coach;
5. not have any record of misbehavior on the field, in the interschool matches played.

However, if a player satisfies all the criteria given above except

a. criterion (3) but has experience of playing at least one international match, then his/her case should be referred to the Director of the league committee;

b. criterion (1) but is 14 years of age and has a sports

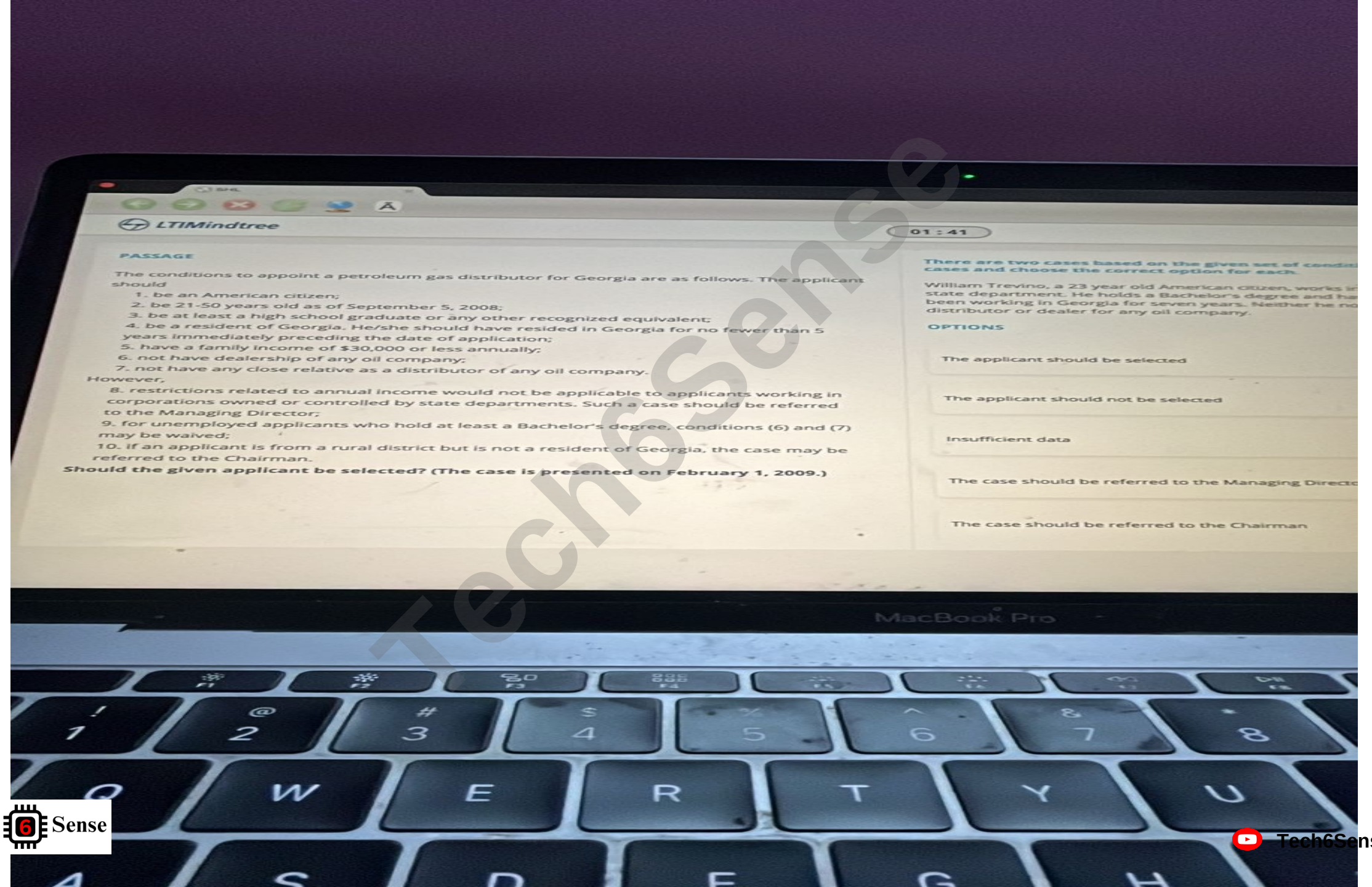
excellence certificate, then his/her case should be referred to the Chairman of the league committee.

Should the given player be selected? (The case is presented on October 12, 2012. All dates are in mm.dd.yyyy format.)

There are two cases based on the given set of conditions. Take a decision for both the cases and choose the correct option for each.

Naomi Brown, a 16 year old hockey champion at St. Louis High School has applied to participate in the United States Hockey League (Junior). She has submitted the authorization letter from the principal and the recommendation letter from the school coach. Her team won four out of twelve interschool matches. One of these matches was against a team from Finland.

OPTIONS



LTIMindtree

04 : 50

Help | Exit

The given question is followed by two statements I and II. Decide if the statements contain sufficient information to answer the question.

Problem Question: *Jessica is a Chemistry teacher. She forgot to bring her timetable and now wants to find out the day's schedule for Grade 11. She knows that there are four subjects taught - Physics, Chemistry, Mathematics and Biology - in four consecutive lectures of one hour each, starting from 9:00 a.m. At what time is the Chemistry class scheduled?*

Statements:

I) Mathematics class ended at 11:00 a.m, which was preceded by Biology.

II) Physics was scheduled to be the last period.

Options

I alone is sufficient while II alone is not sufficient.

II alone is sufficient while I alone is not sufficient.

Either of the statements taken individually is sufficient to answer the problem question.

Neither I nor II is sufficient.

Both statements put together are sufficient to answer the problem question.

SUBMIT AN

LTIMindtree

PASSAGE

The conditions to select students for the United States Hockey League (Junior) are as follows. The student should

1. be between 15-18 years of age and must have an authorization letter from the school's principal;
2. have played at least ten interschool matches;
3. have won at least five interschool matches;
4. have a recommendation letter from the school coach;
5. not have any record of misbehavior on the field, in the interschool matches played.

However, if a player satisfies all the criteria given above except

a. criterion (3) but has experience of playing at least one international match, then his/her case should be referred to the Director of the league committee;

b. criterion (1) but is 14 years of age and has a sports excellence certificate, then his/her case should be referred to the Chairman of the league committee.

Should the given player be selected? (The case is presented on October 12, 2012. All dates are in mm.dd.yyyy format.)

There are two cases based on the given set of conditions. Take a decision for both the cases and choose the correct option for each.

Naomi Brown, a 16 year old hockey champion at St. Louis High School has applied to participate in the United States Hockey League (Junior). She has submitted the authorization letter from the principal and the recommendation letter from the school coach. Her team won four out of twelve interschool matches. One of these matches was against a team from Finland.

OPTIONS

The player should be selected

The player should not be selected

The case should be referred to the Director

The case should be referred to the Chairman

Insufficient data

SHL

LTIMindtree

02 : 35

Help | Exit

PASSAGE

The conditions to select students for the United States Hockey League (Junior) are as follows. The student should

1. be between 15-18 years of age and must have an authorization letter from the school's principal;
2. have played at least ten interschool matches;
3. have won at least five interschool matches;
4. have a recommendation letter from the school coach;
5. not have any record of misbehavior on the field, in the interschool matches played.

However, if a player satisfies all the criteria given above except

a. criterion (3) but has experience of playing at least one international match, then his/her case should be referred to the Director of the league committee;

b. criterion (1) but is 14 years of age and has a sports excellence certificate, then his/her case should be referred to the Chairman of the league committee.

Should the given player be selected? (The case is presented on October 12, 2012. All dates are in mm.dd.yyyy format.)

There are two cases based on the given set of conditions. Take a decision for both the cases and choose the correct option for each.

Harry, a 17 year old hockey player at St. Louis High School, has applied for participation in the United States Hockey League (Junior). He has submitted the authorization letter from the principal. He was, however, not given a recommendation letter by the school coach due to a case of misbehavior on the field while playing an interschool match. His team won seven out of ten interschool matches they had played.

OPTIONS

The player should be selected

The player should not be selected

The case should be referred to the Director

The case should be referred to the Chairman

Insufficient data

PASSAGE

The conditions to select students for the United States Hockey League (Junior) are as follows. The student should

1. be between 15-18 years of age and must have an authorization letter from the school's principal;
2. have played at least ten interschool matches;
3. have won at least five interschool matches;
4. have a recommendation letter from the school coach;
5. not have any record of misbehavior on the field, in the interschool matches played.

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Naomi Brown, a 16 year old hockey champion at St. Louis High School has applied to participate in United States Hockey League (Junior). She has submitted the authorization letter from the principal and the recommendation letter from the school coach. Her team won four out of twelve interschool matches. One of these matches was against a team from Finland.

OPTIONS

The player should be selected

The player should not be selected

The case should be referred to the Director

The case should be referred to the Chairman

Insufficient data

Refer to the symbols below and their corresponding meanings.

The given signs denote the following operations/relationships:
"%" denotes "greater than"
">" denotes "equal to"
"=" denotes "not less than"
"@" denotes "not equal to"
"#" denotes "less than"
"*" denotes "not greater than"
Which of the two conclusions I and II is/are definitely true based on the information provided?

Statements:

P>S, S@T, P#R

Conclusions:

I. S%R

II. P@T

Options

Only conclusion I is true

Only conclusion II is true

Neither conclusion I nor II is true

Both conclusions I and II are true

SHL

LTIMindtree

05 : 04

The given question is followed by two statements I and II. Decide if the statements contain sufficient information to answer the question.

Problem Question: *When is Mark's birthday?*

Statements:

I) He was born after September 19 but before September 25.

II) He was born in a leap year.

Options

Statement I alone is sufficient to answer the problem question.

Statement II alone is sufficient to answer the problem question.

Both statements put together are sufficient to answer the problem question.

Both the statements even put together are not sufficient to answer the proble

SHL

LTIMindtree

09 : 29

Refer to the symbols below and their corresponding meanings.

The given signs denote the following operations/relationships:
"%" denotes "greater than"
">" denotes "equal to"
"=" denotes "not less than"
"@" denotes "not equal to"
"#" denotes "less than"
"*" denotes "not greater than"
Which of the two conclusions I and II is/are definitely true based on the information provided?

Statements:

P>S, S@T, P#R

Conclusions:

I. S%R

II. P@T

Options

Only conclusion I is true

Only conclusion II is true

Neither conclusion I nor II is true

Both conclusions I and II are true

LTIMindtree

07 : 48

Refer to the symbols below and their corresponding meanings.

The given signs denote the following operations/relationships:
A+B means A is equal to B.
A-B means A is not equal to B.
A=B means A is greater than B.
A*B means A is greater than or equal to B.
A/B means A is less than B.
Which of the two conclusions I and II is/are definitely true based on the information provided?

Statements:

Q+R, R/S, S/T

Conclusions:

I. Q/S

II. Q=R

Options

Only conclusion I is true

Only conclusion II is true

Neither conclusion I nor II is true

Both conclusions I and II are true

LTIMindtree

05 : 55

Help Exit

The given question is followed by two statements I and II. Decide if the statements contain sufficient information to answer the question.

Problem Question: Four people - A, B, C and D are sitting in a row. Who is sitting at the extreme right?

Statements:

I) C is to the left of D.

II) B is to the left of A.

Options

Statement I alone is sufficient to answer the problem question.

Statement II alone is sufficient to answer the problem question.

Both statements put together are sufficient to answer the problem question.

Both the statements even put together are not sufficient to answer the problem question.