

يمنع الانتقال إلى السؤال التالي إجراء تغييرات على ⚠️ ←

السؤال 14

A Group of Yes or No

A Group of F only

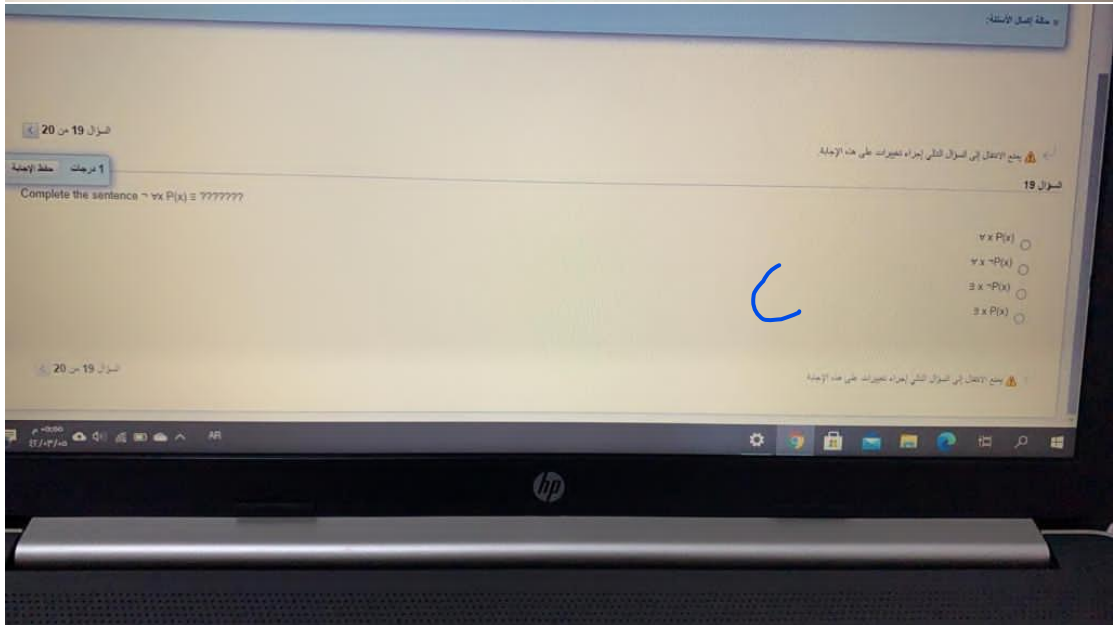
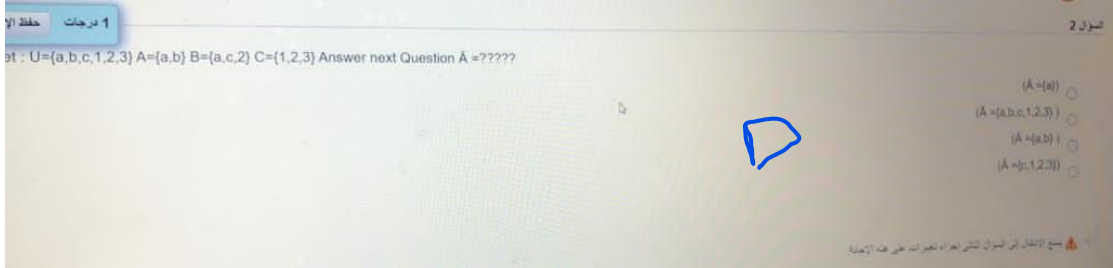
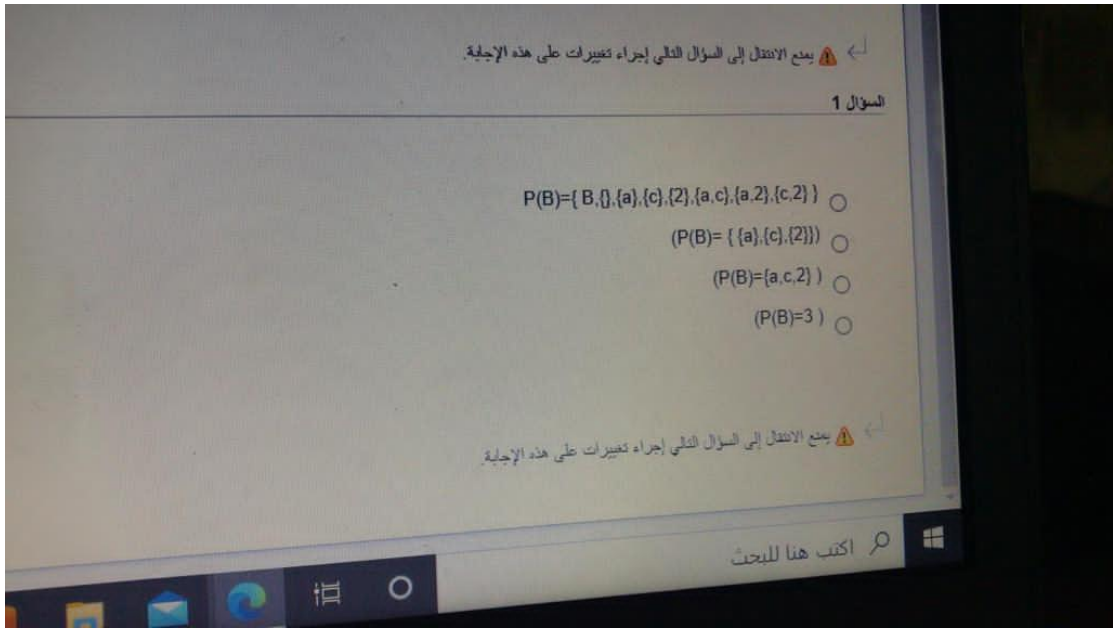
A Group of T or F

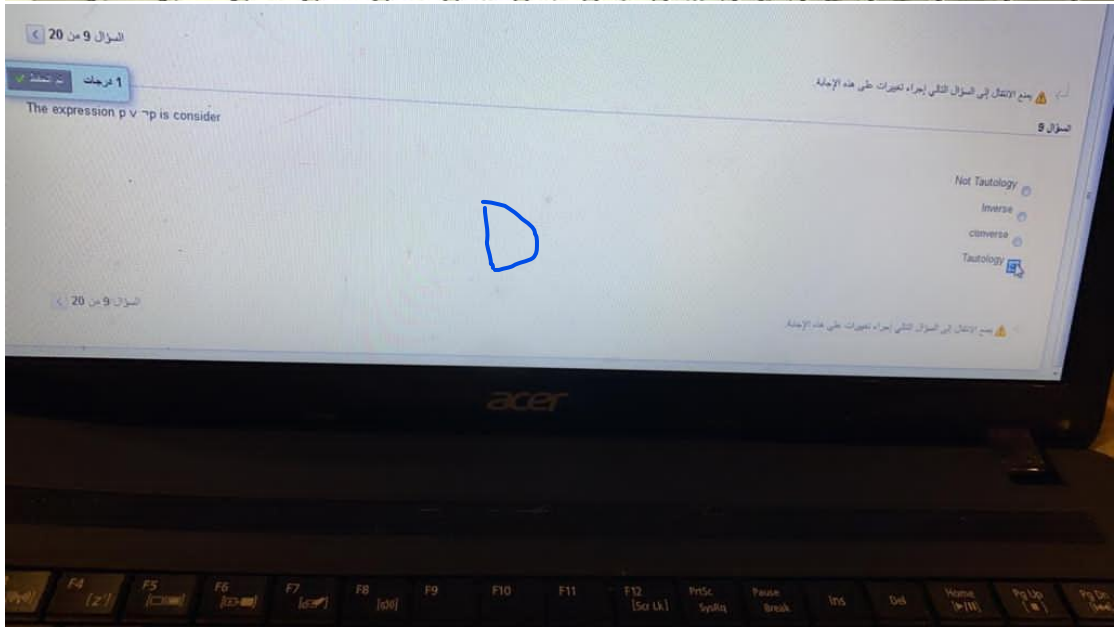
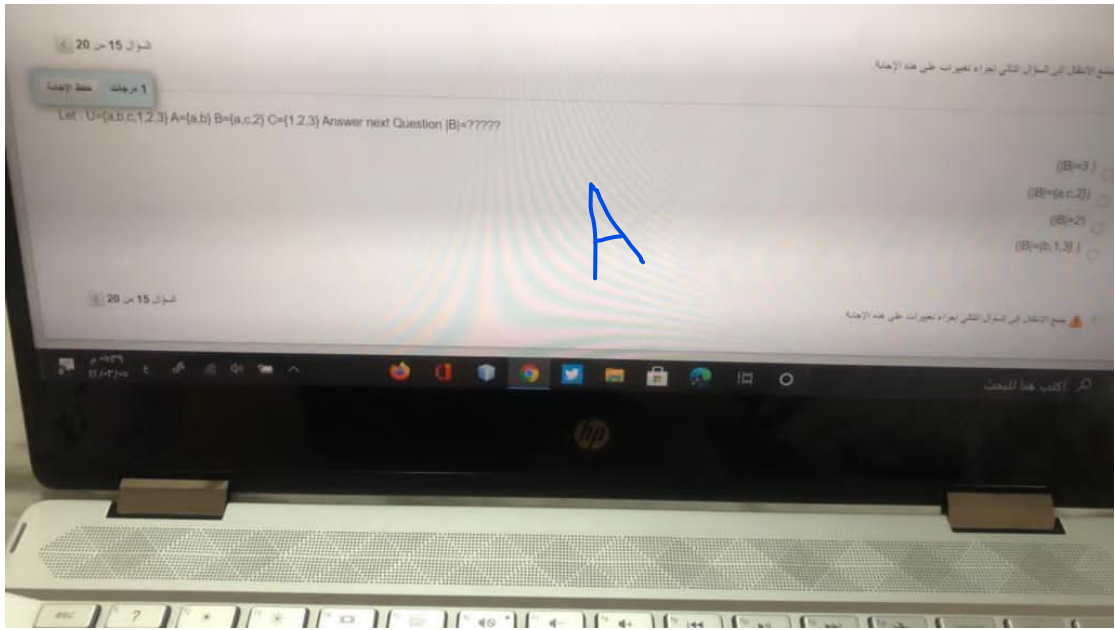
A Group of T only

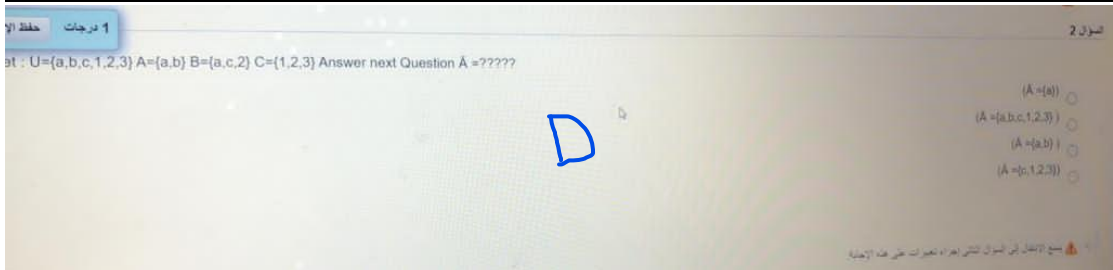
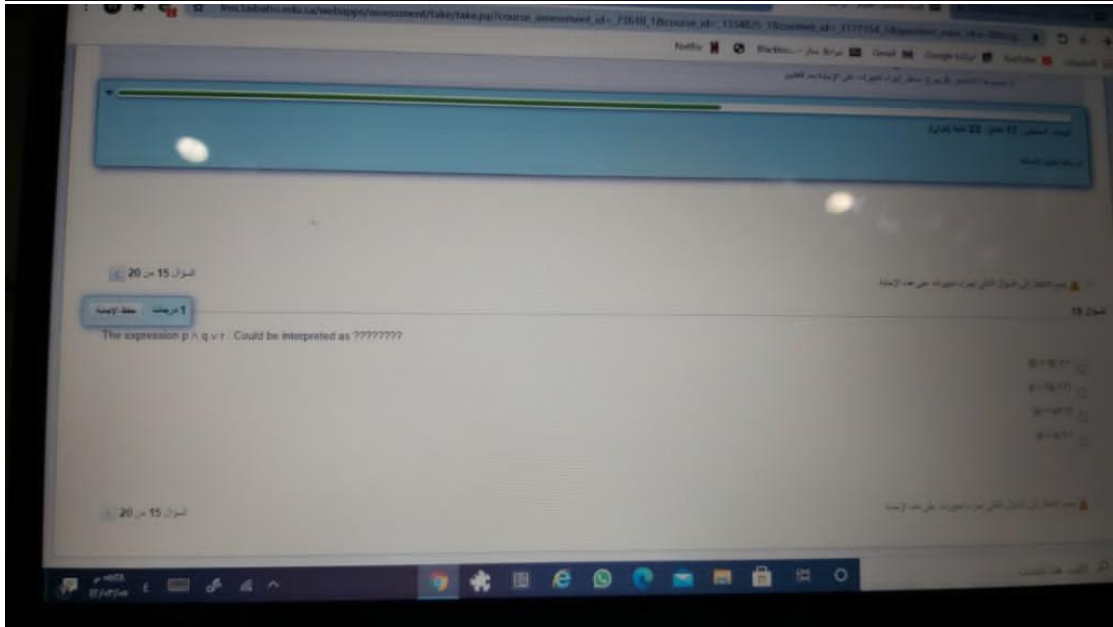
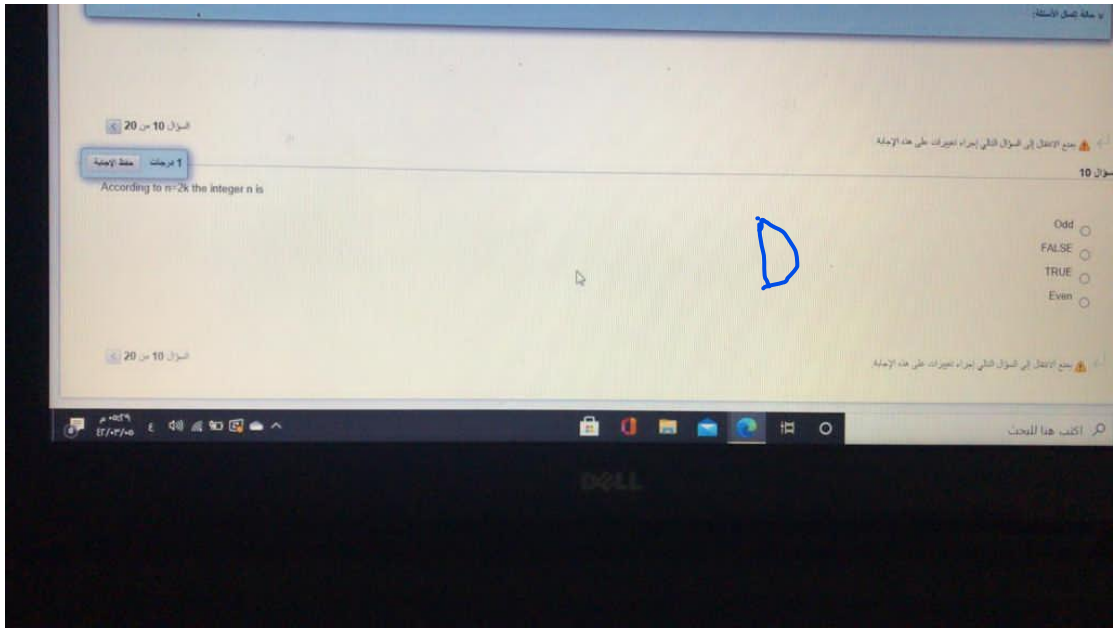
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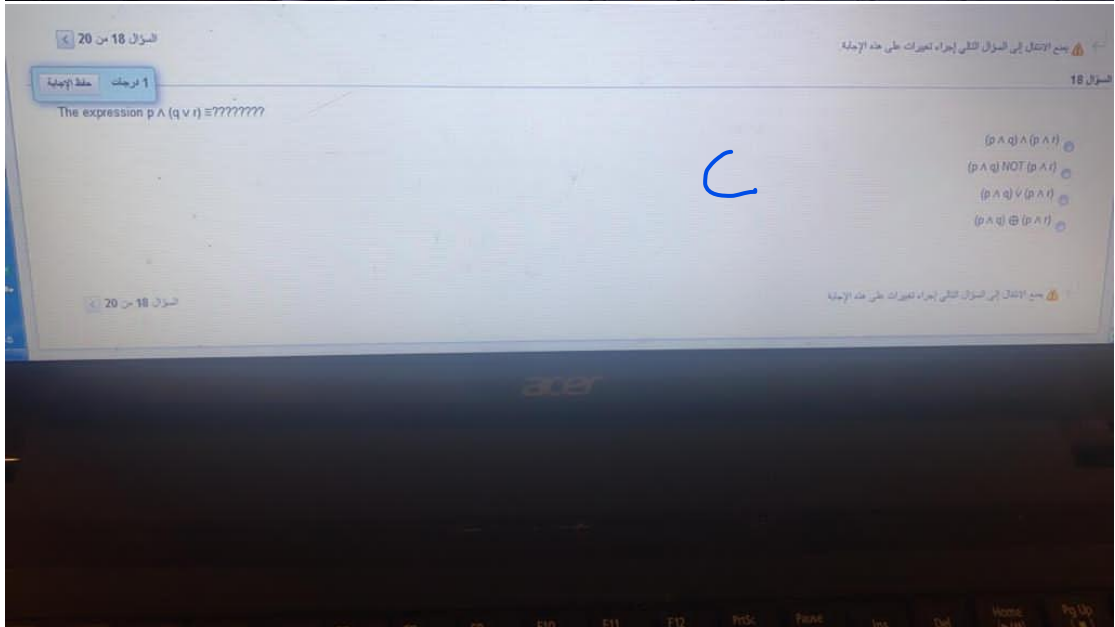
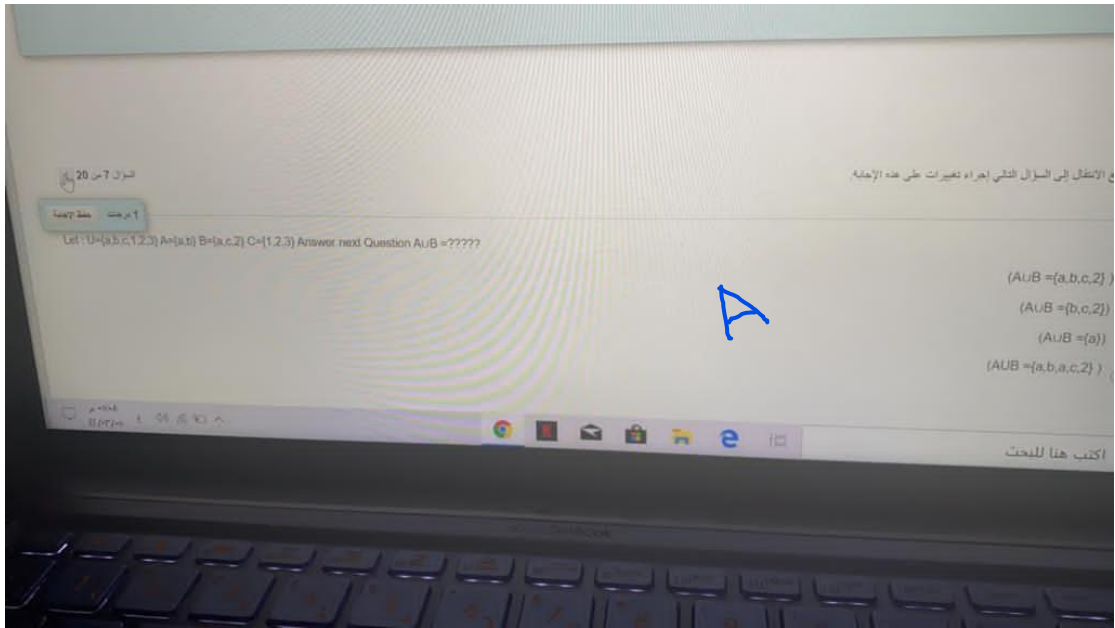
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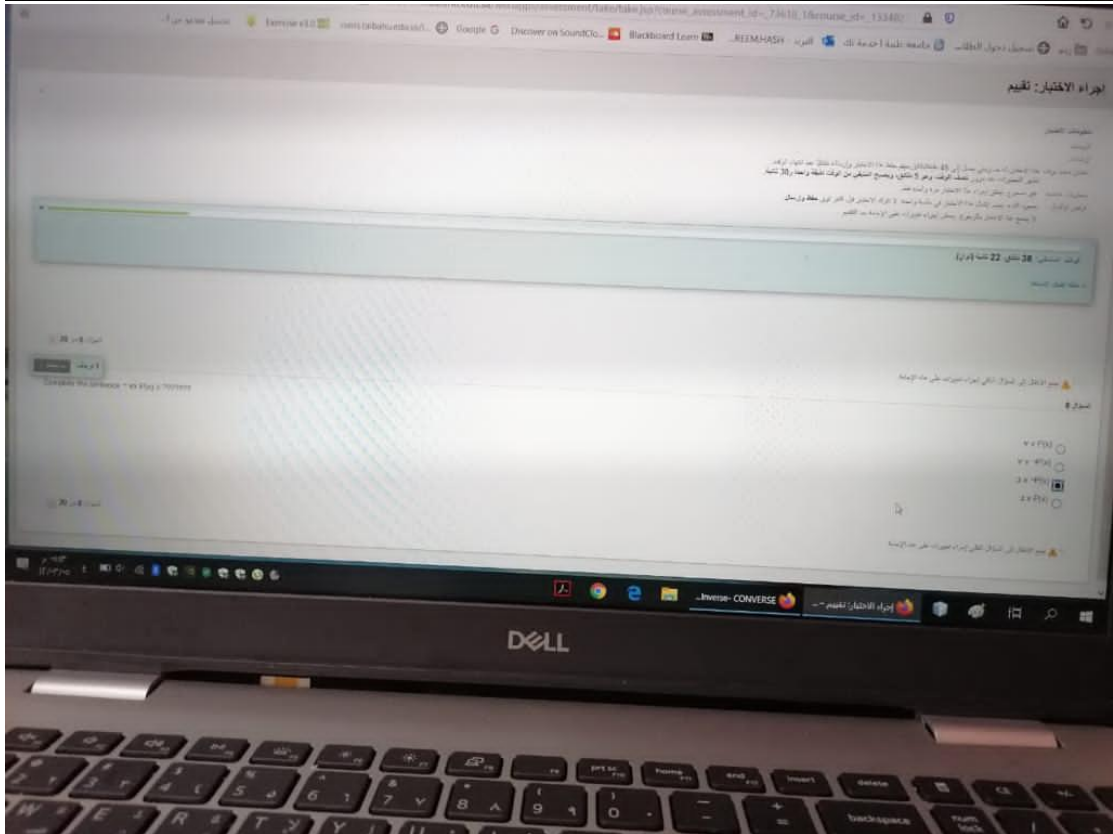
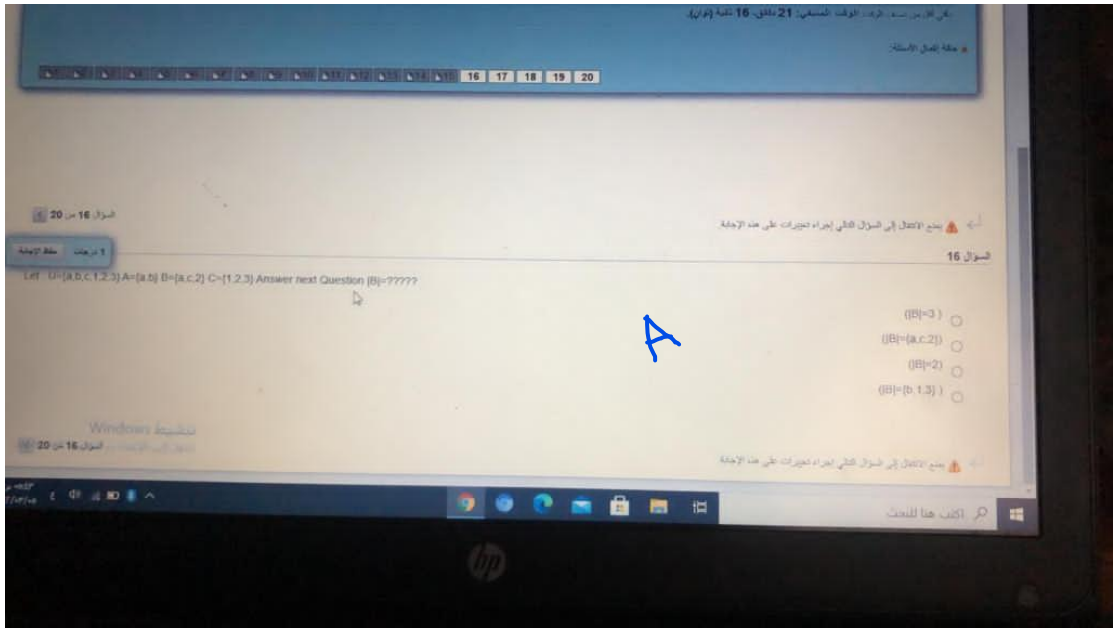


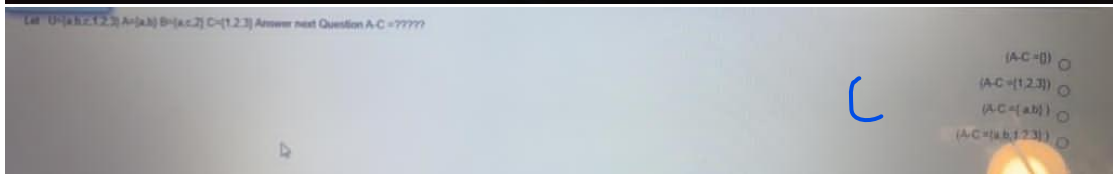
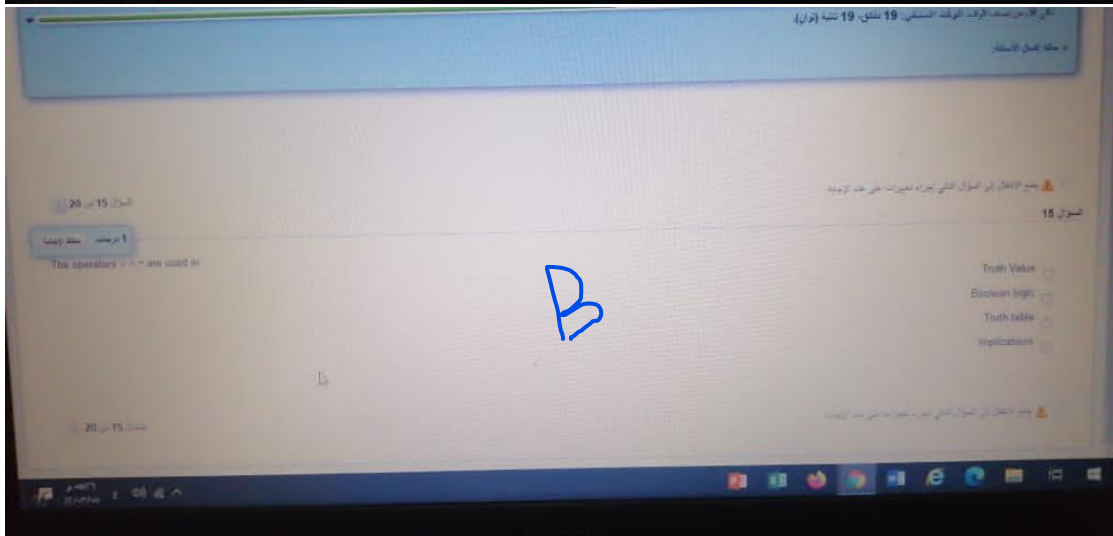
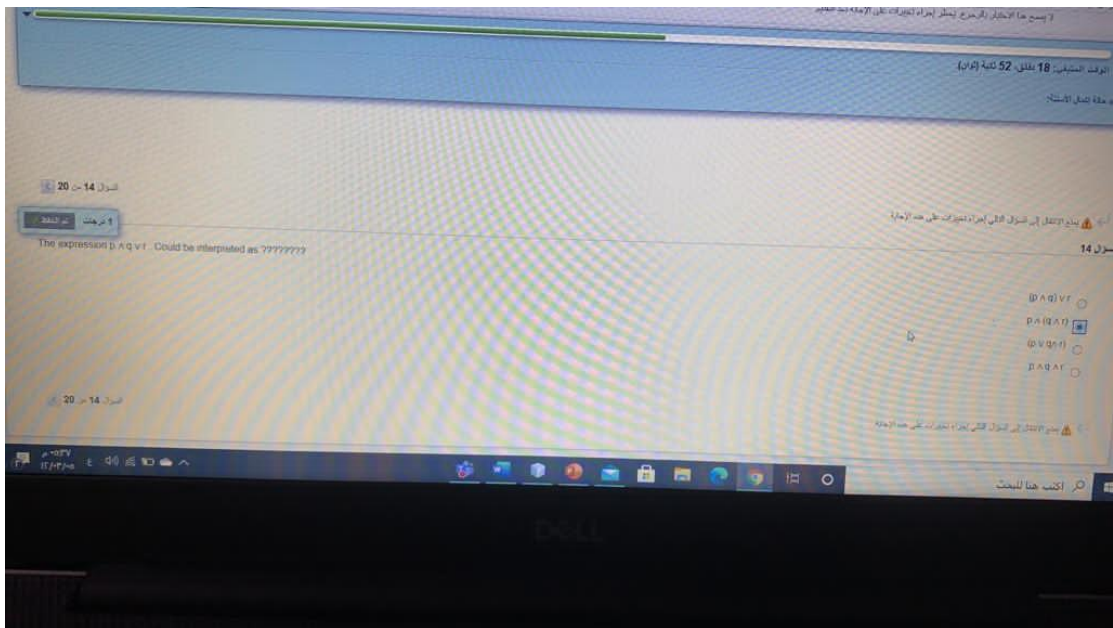


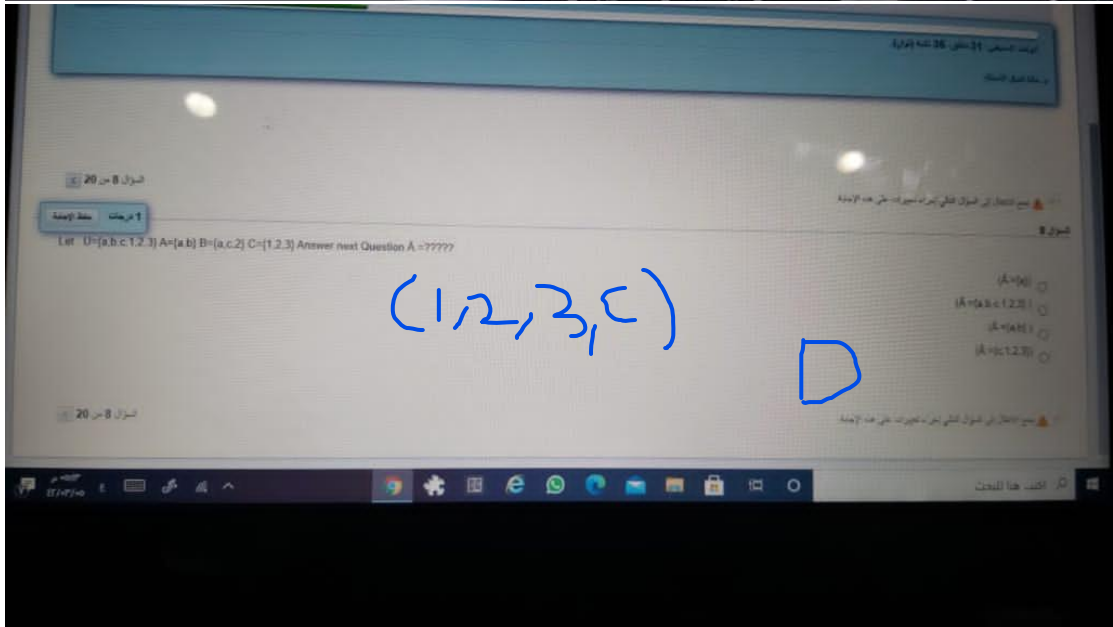
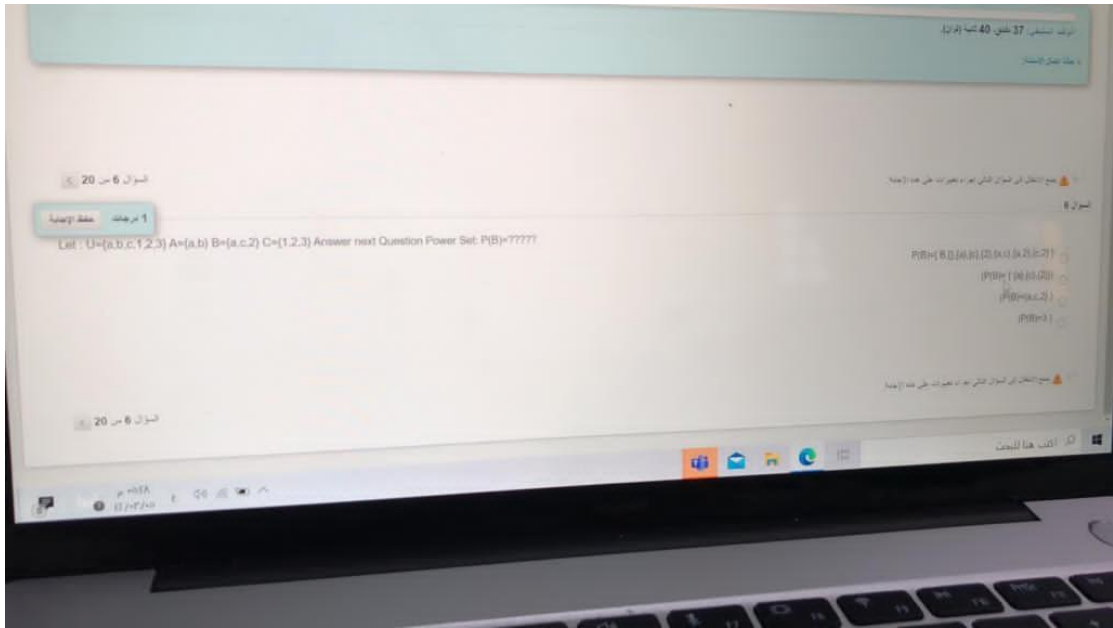


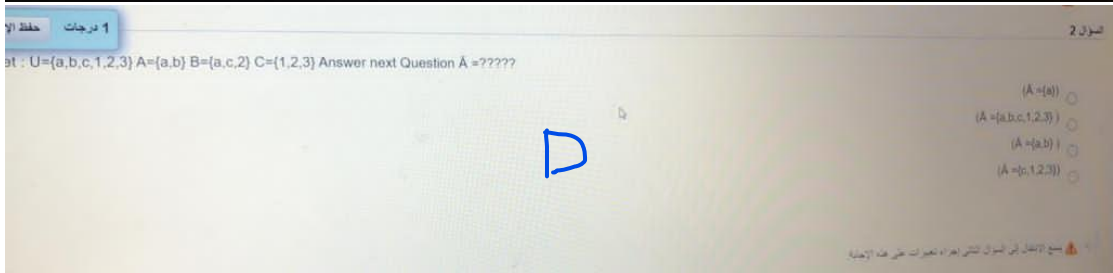
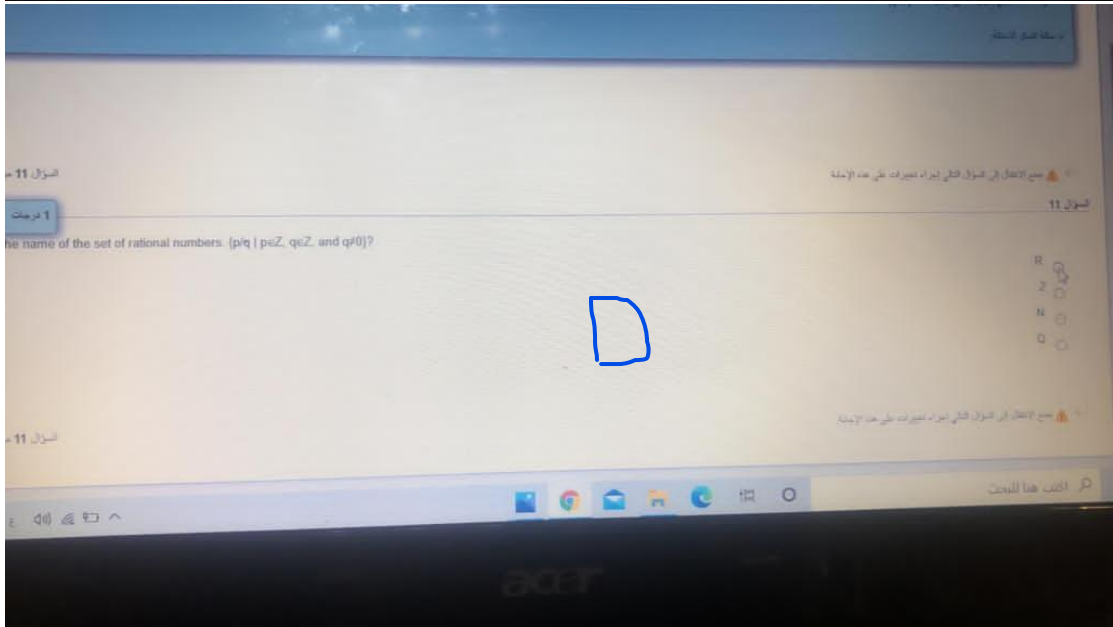
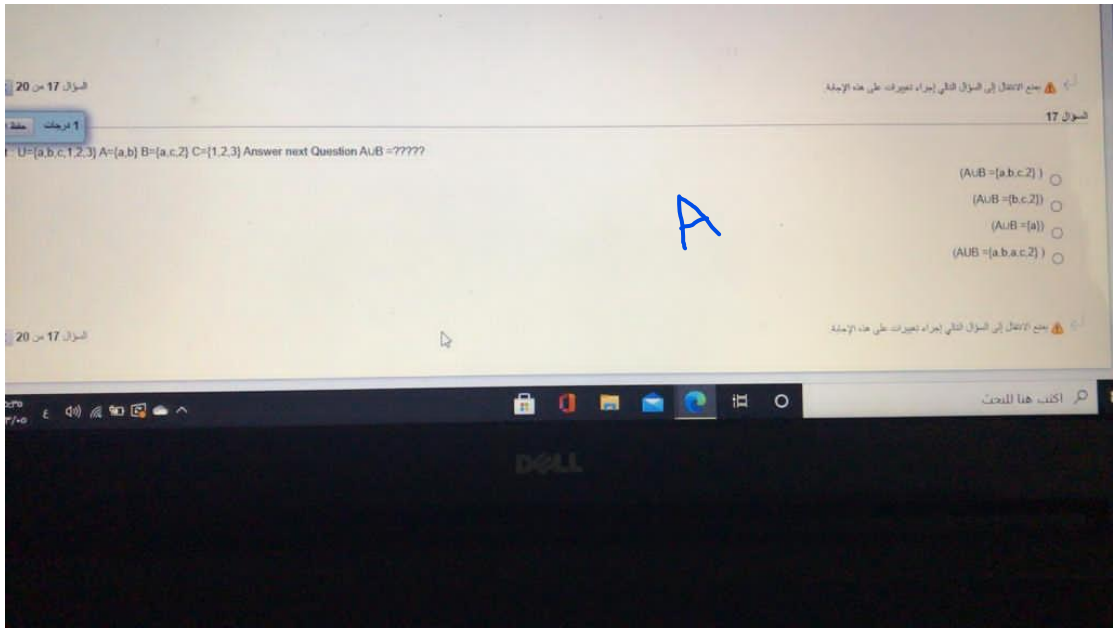


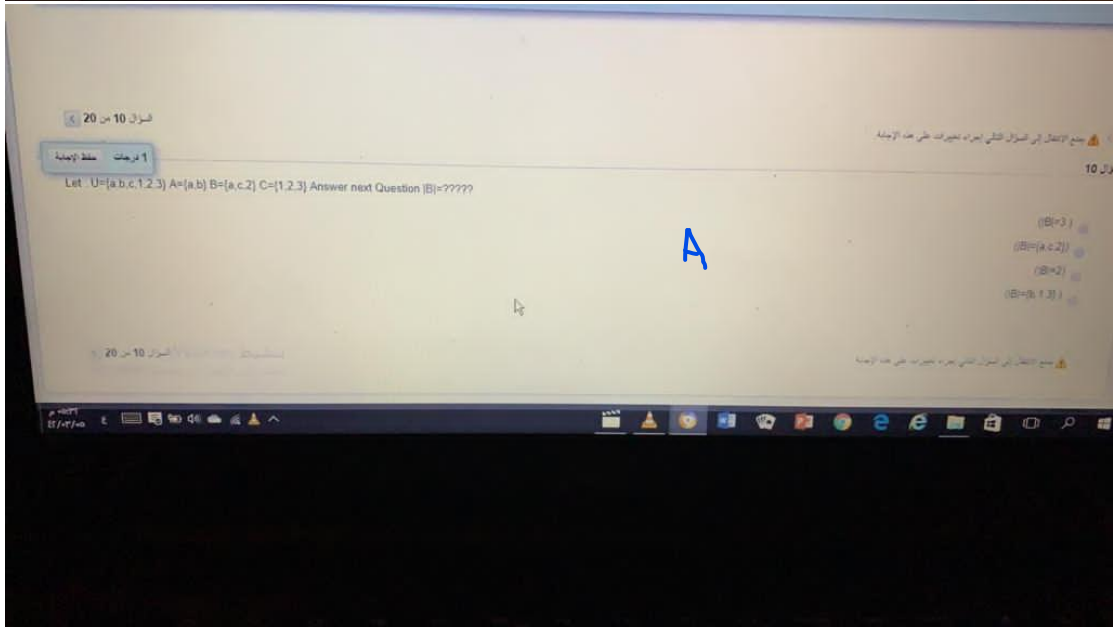
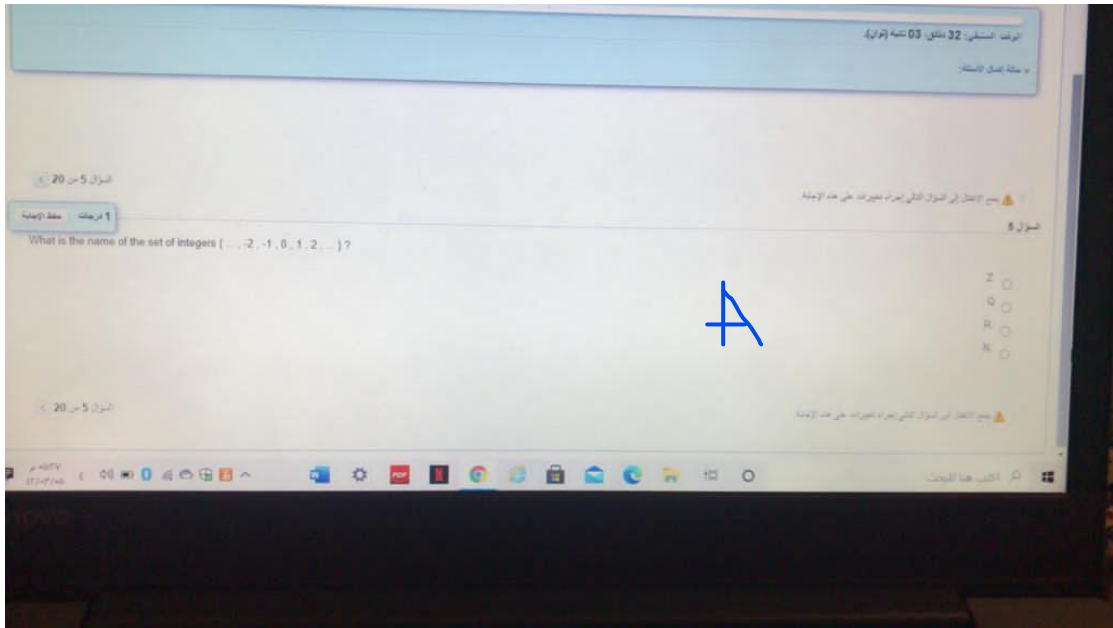


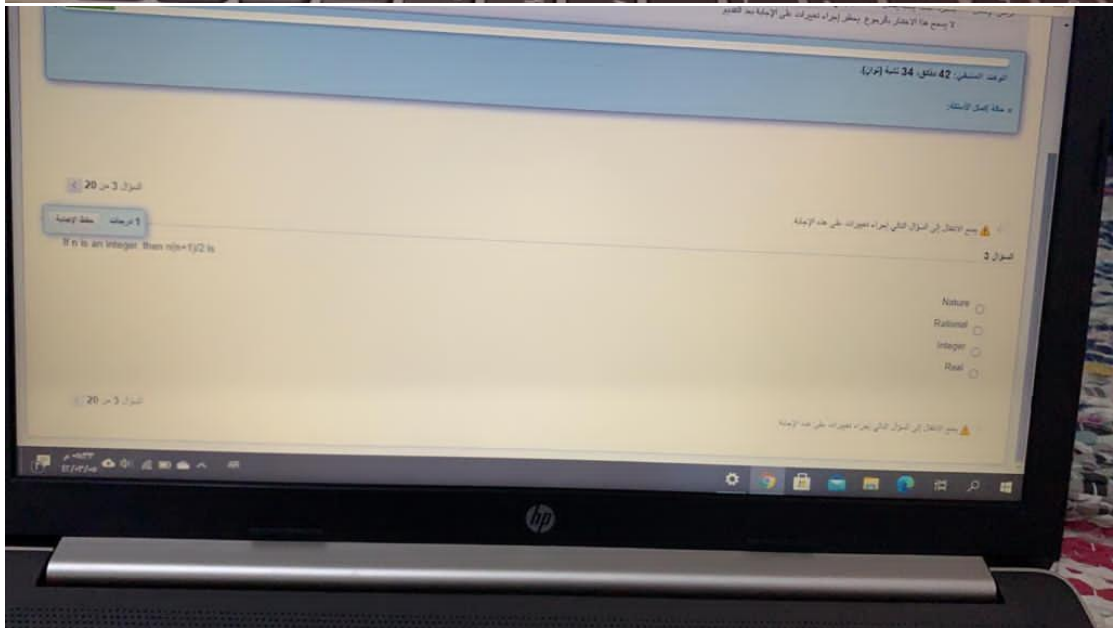
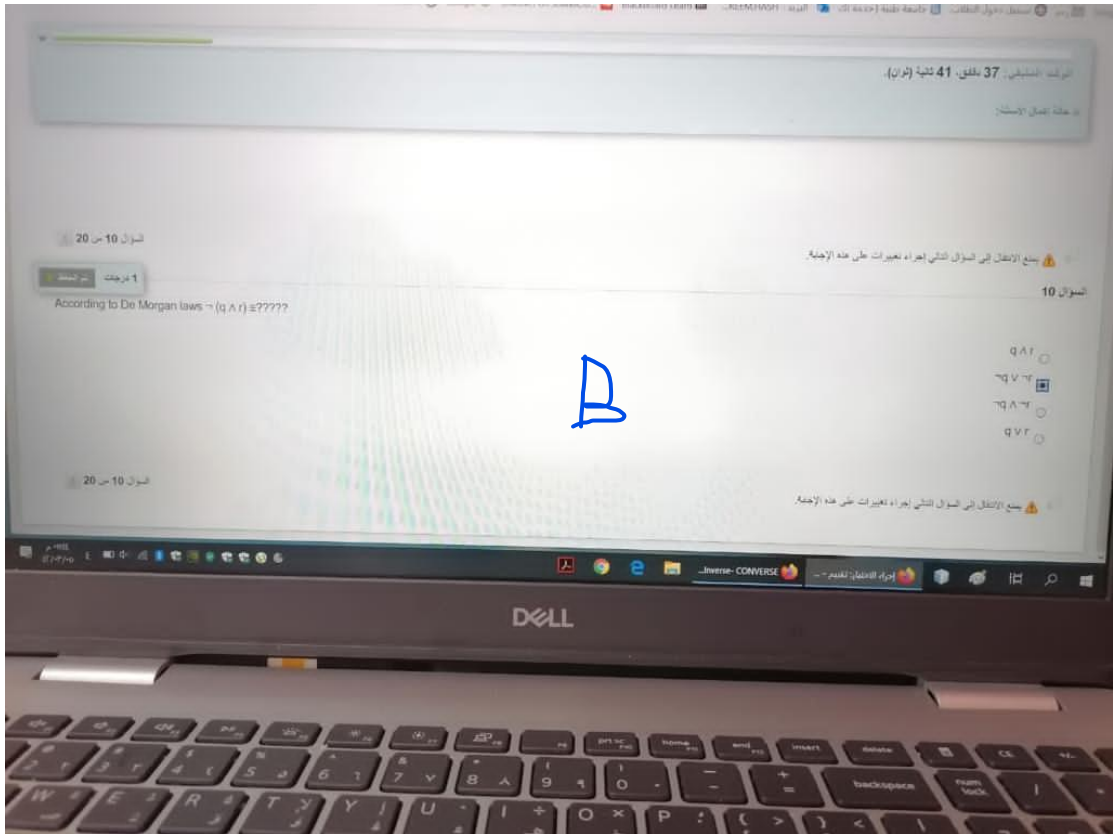


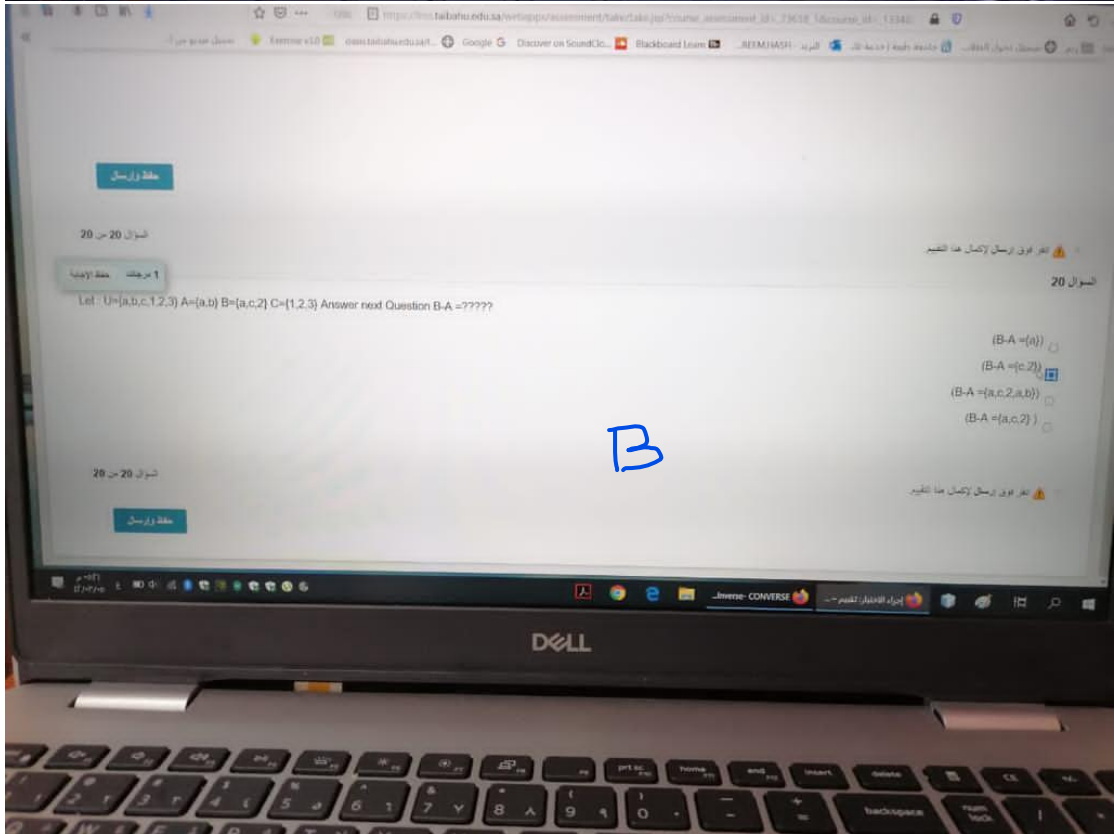
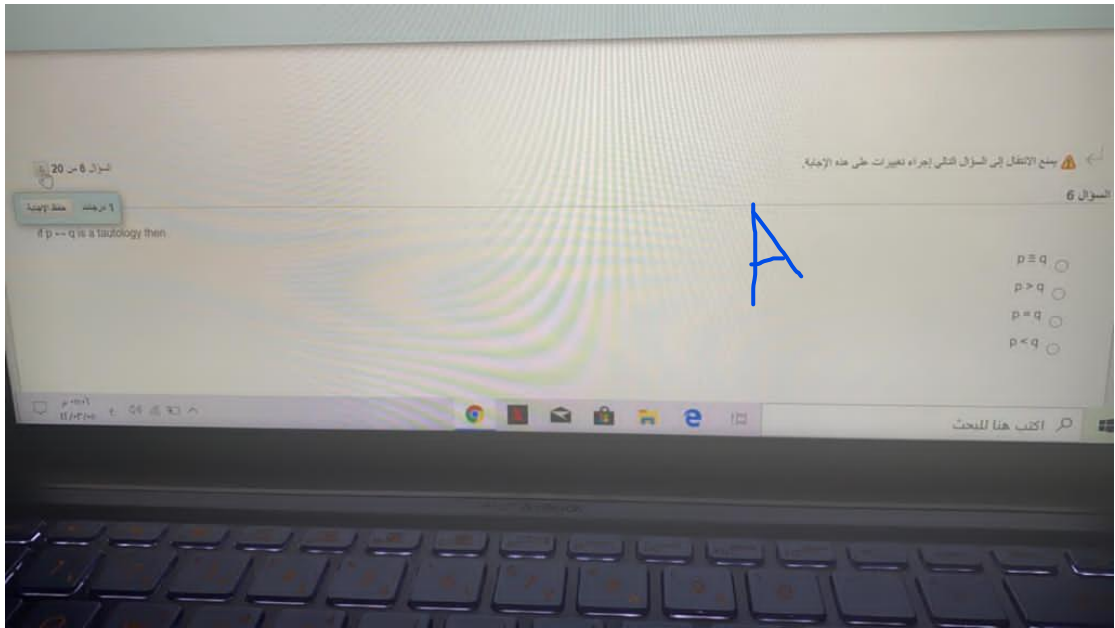


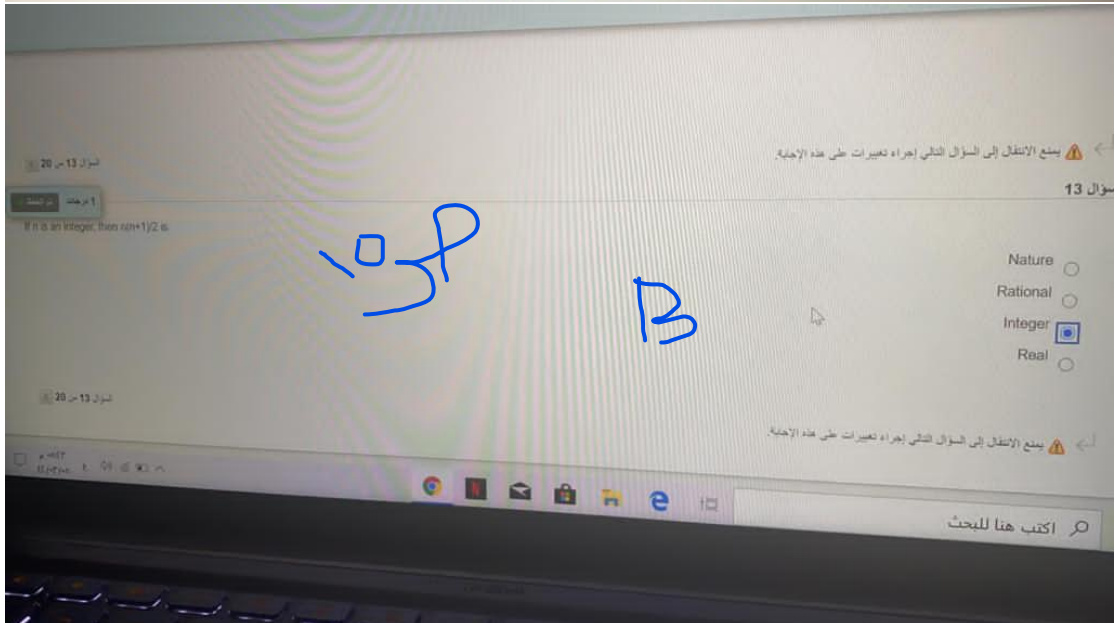
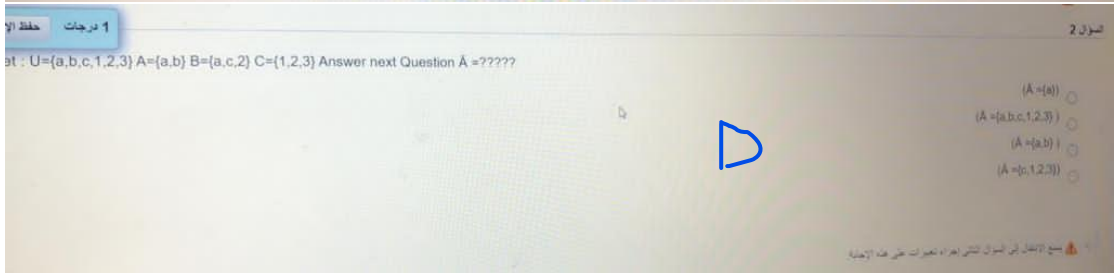
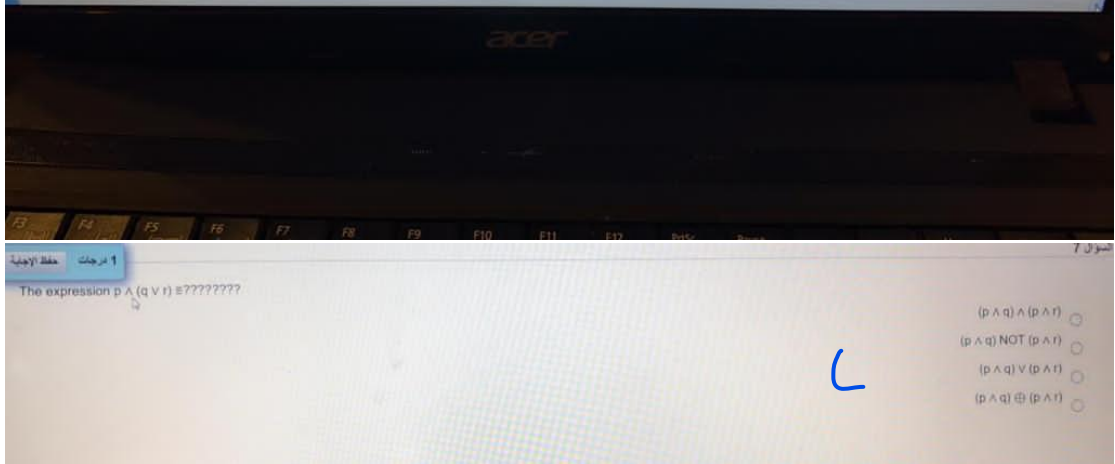
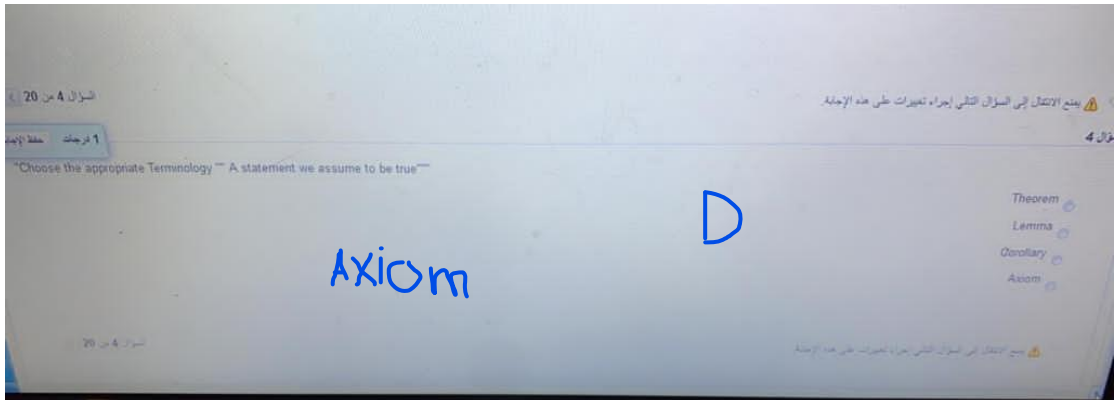


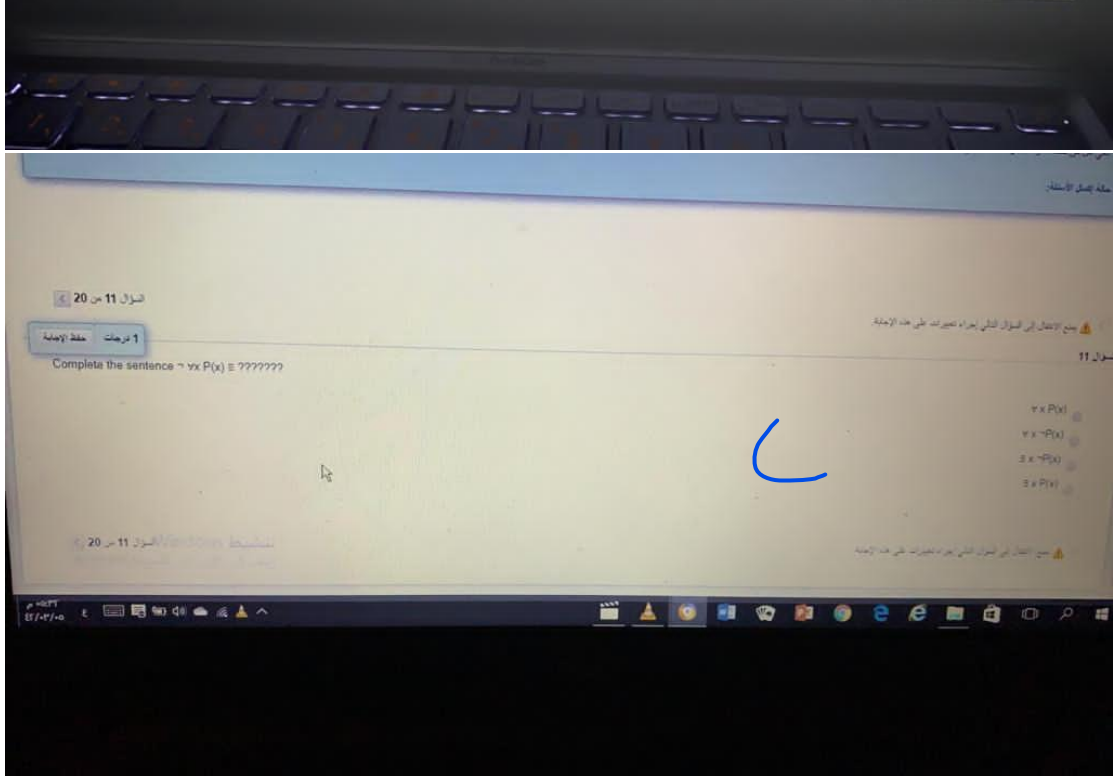
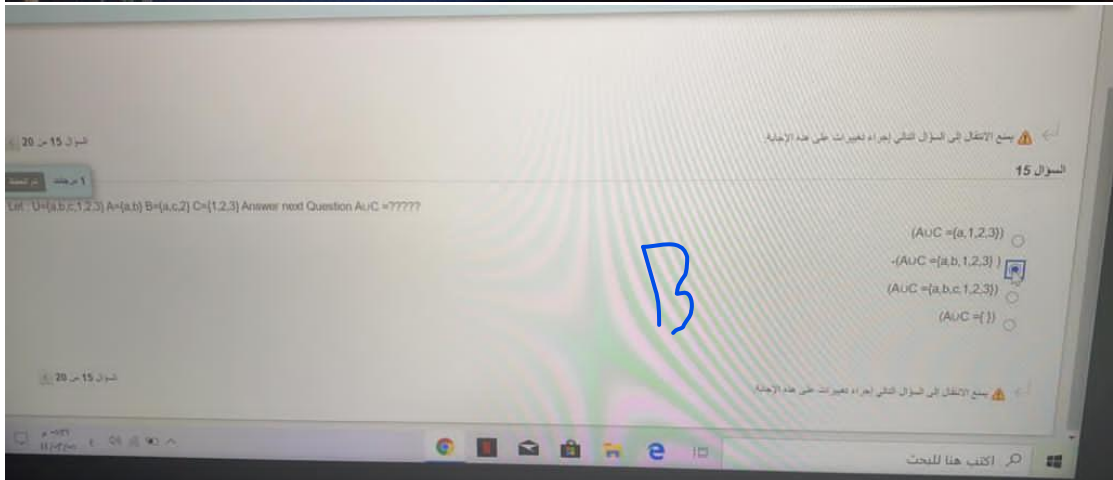
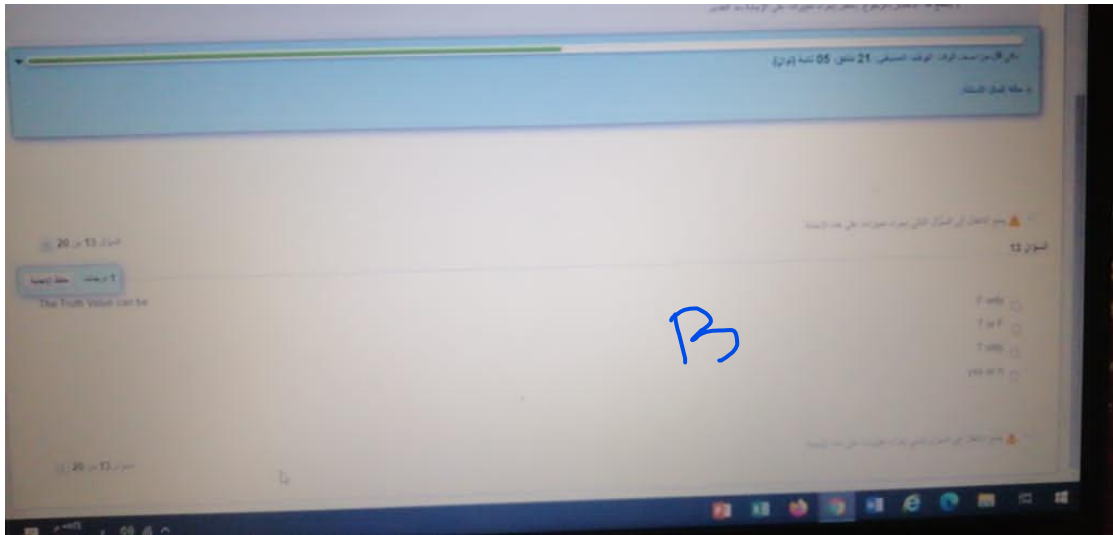


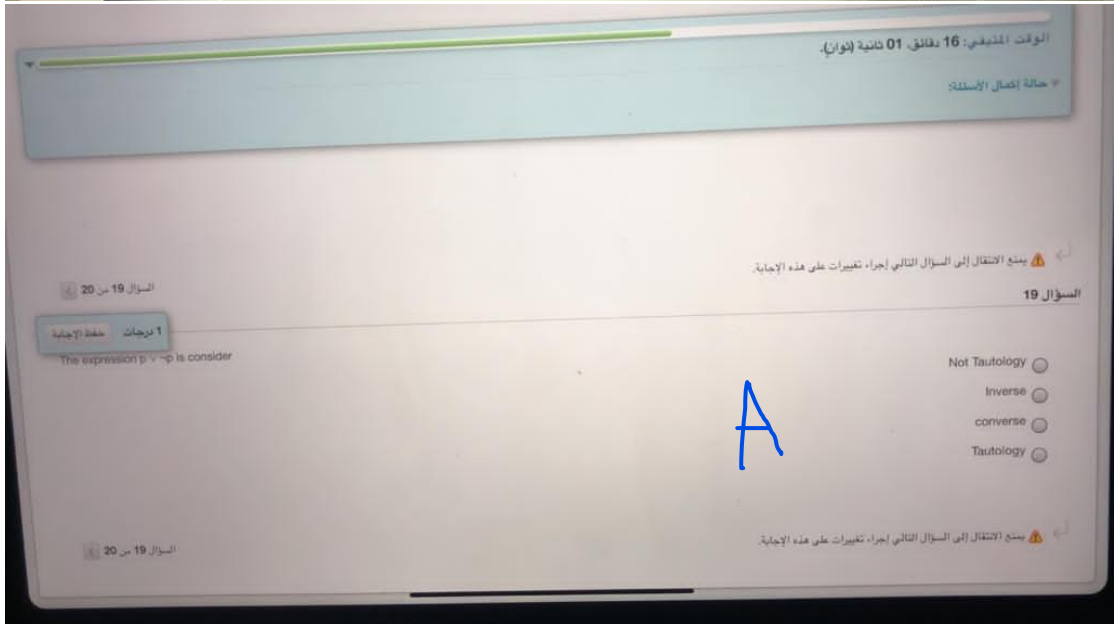
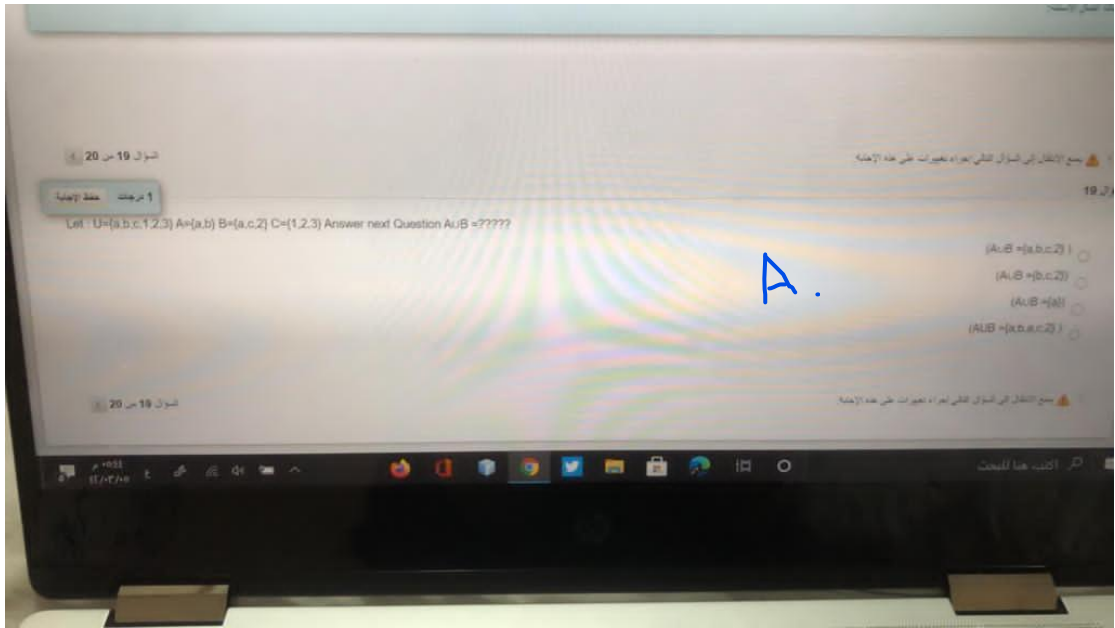


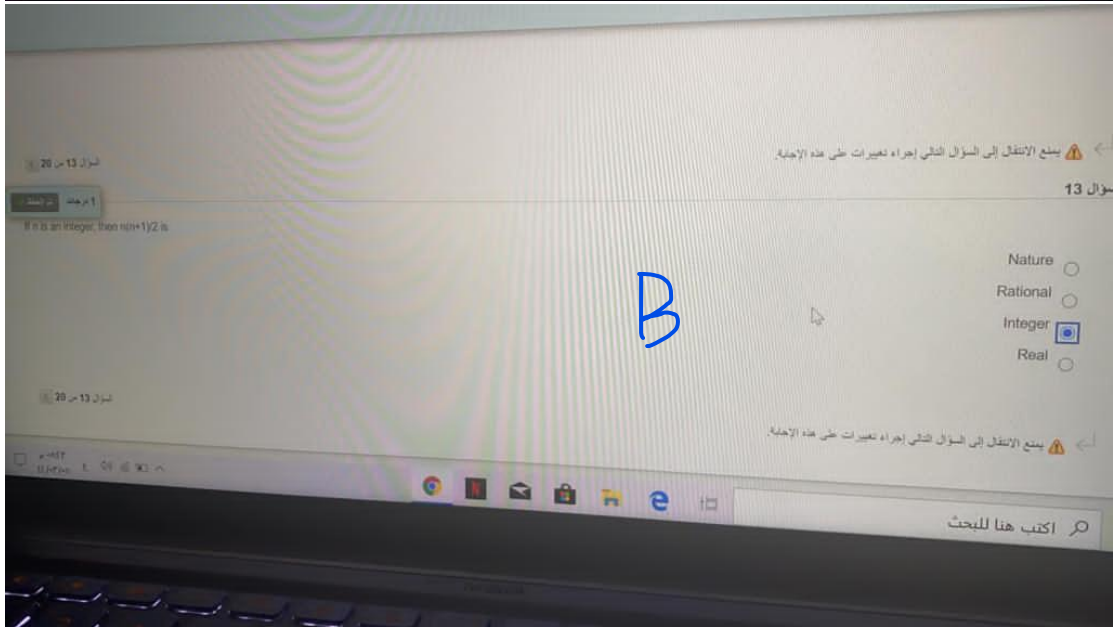
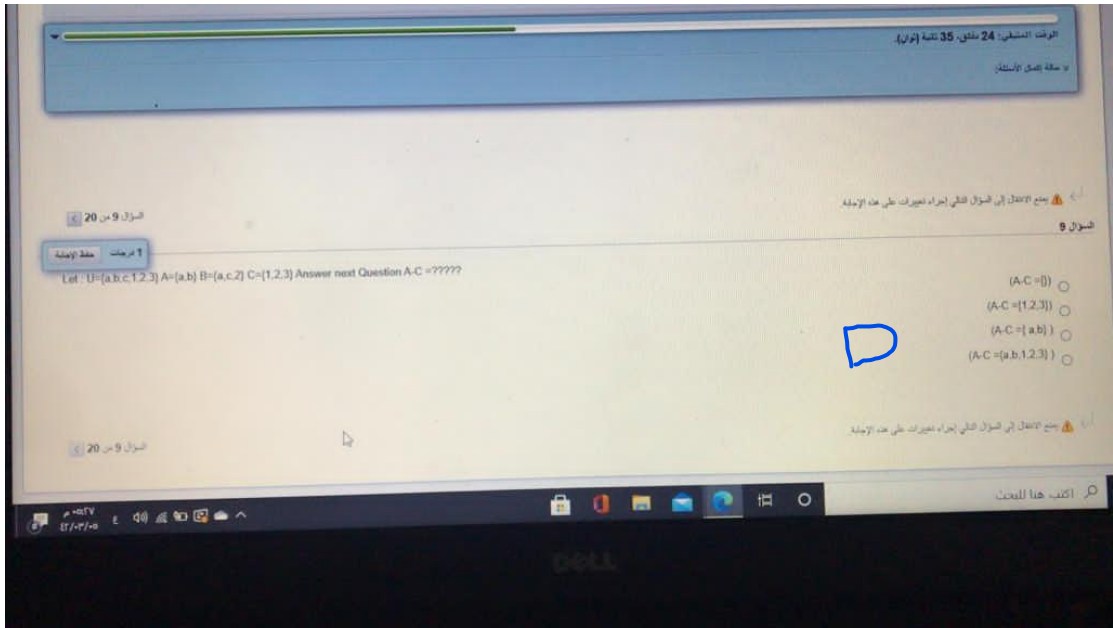


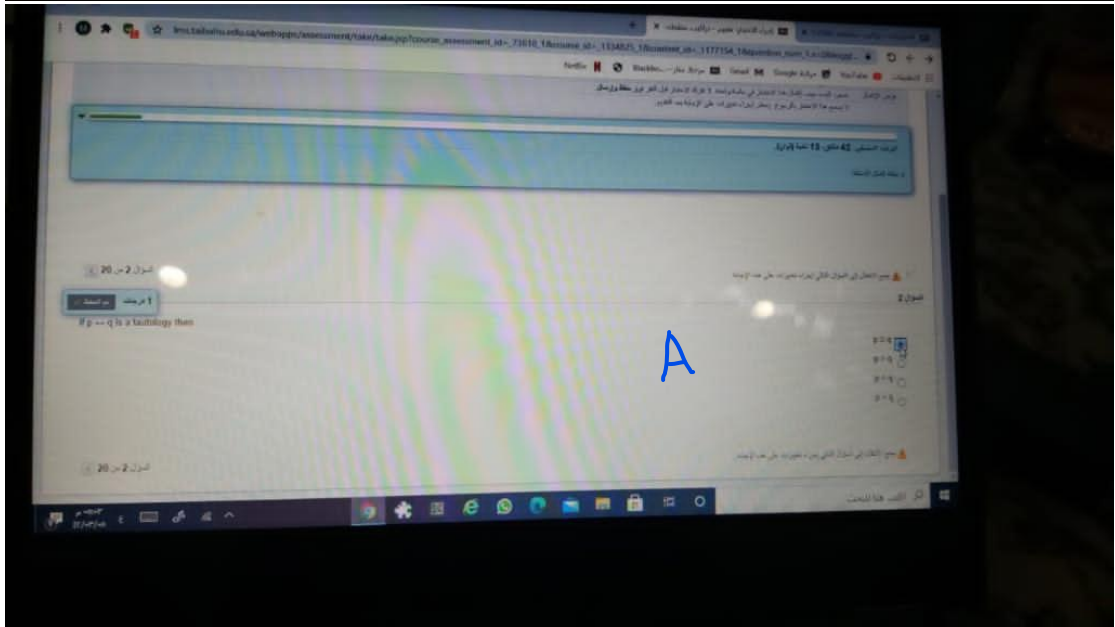
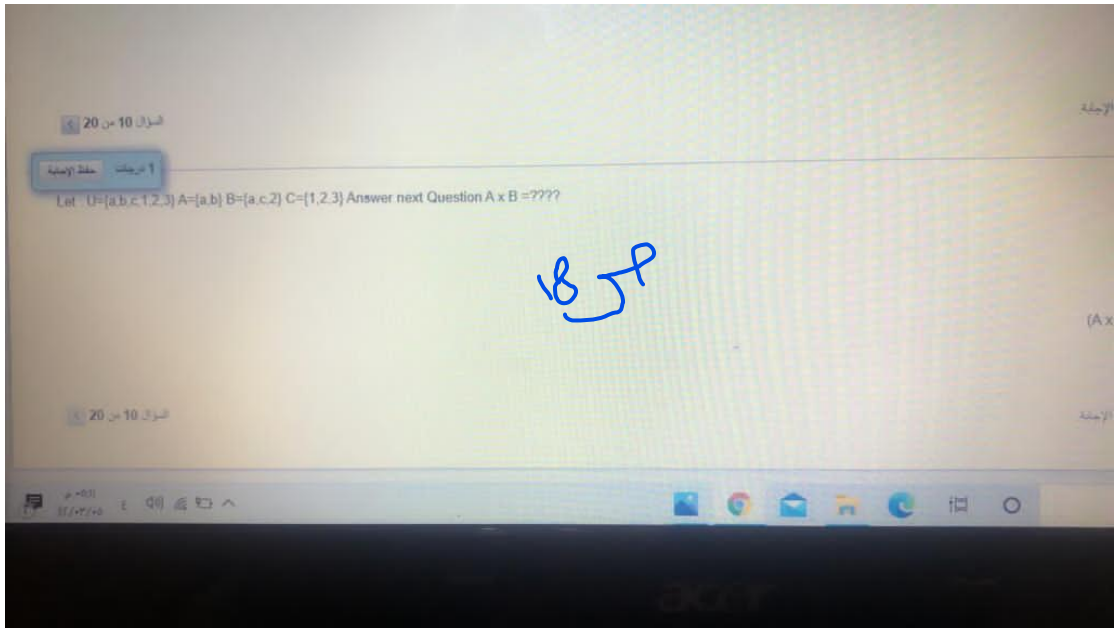


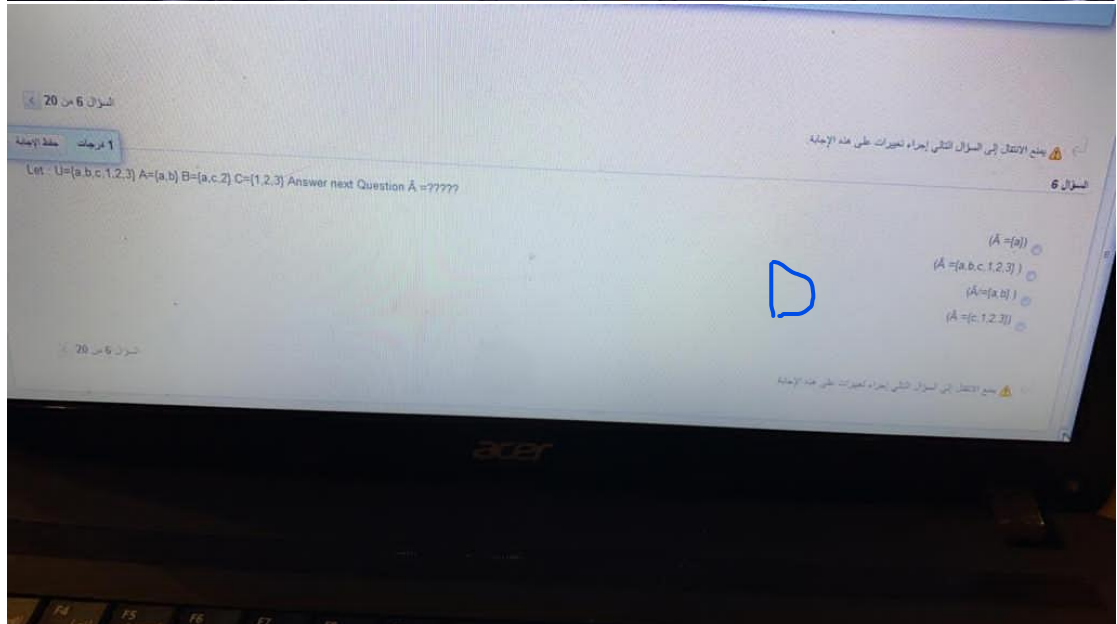
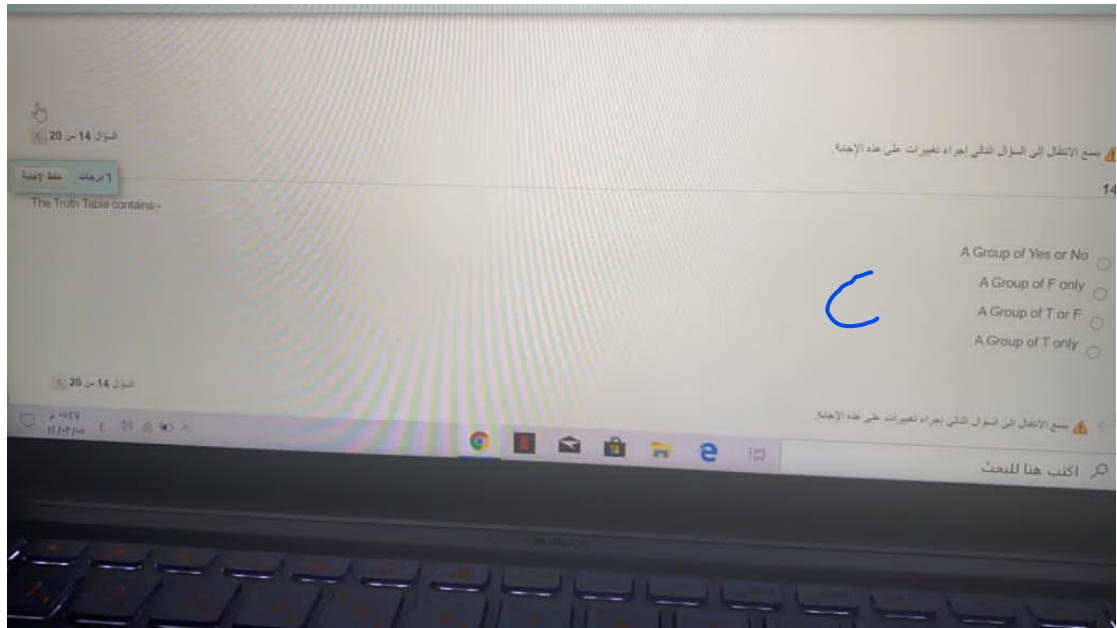


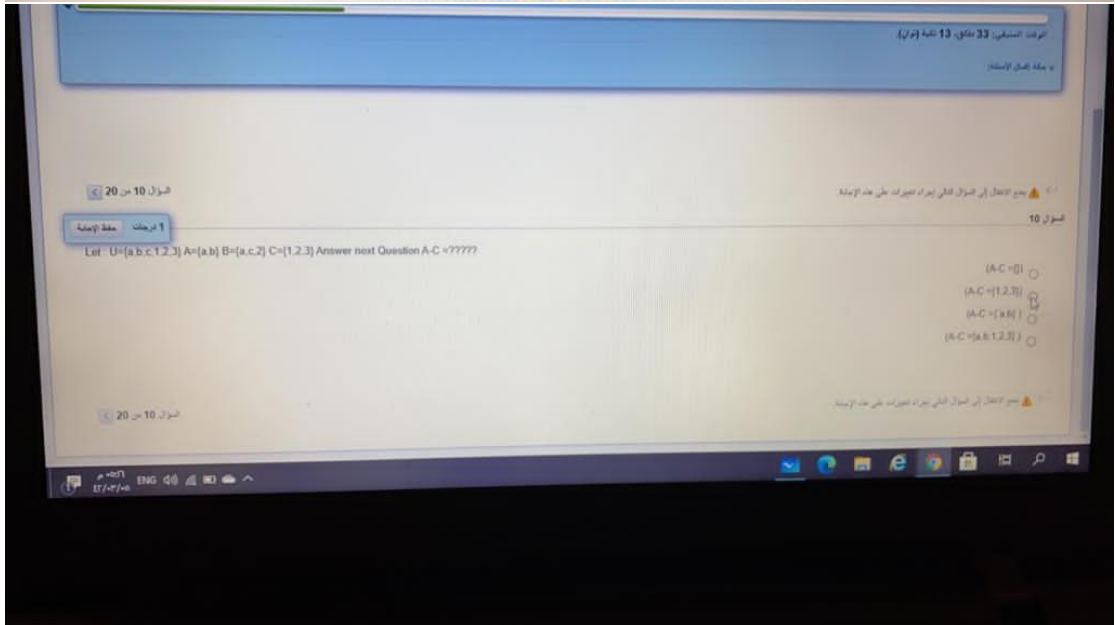
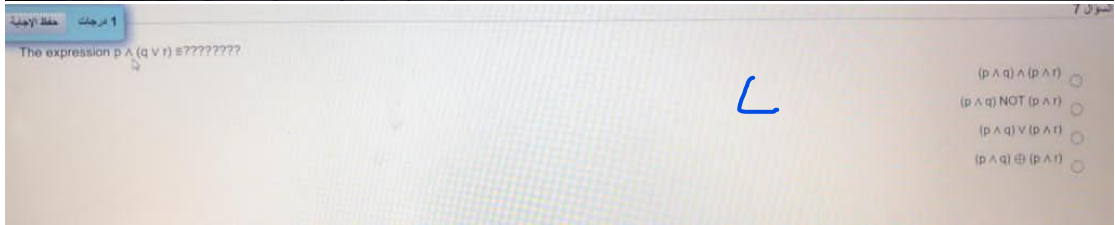
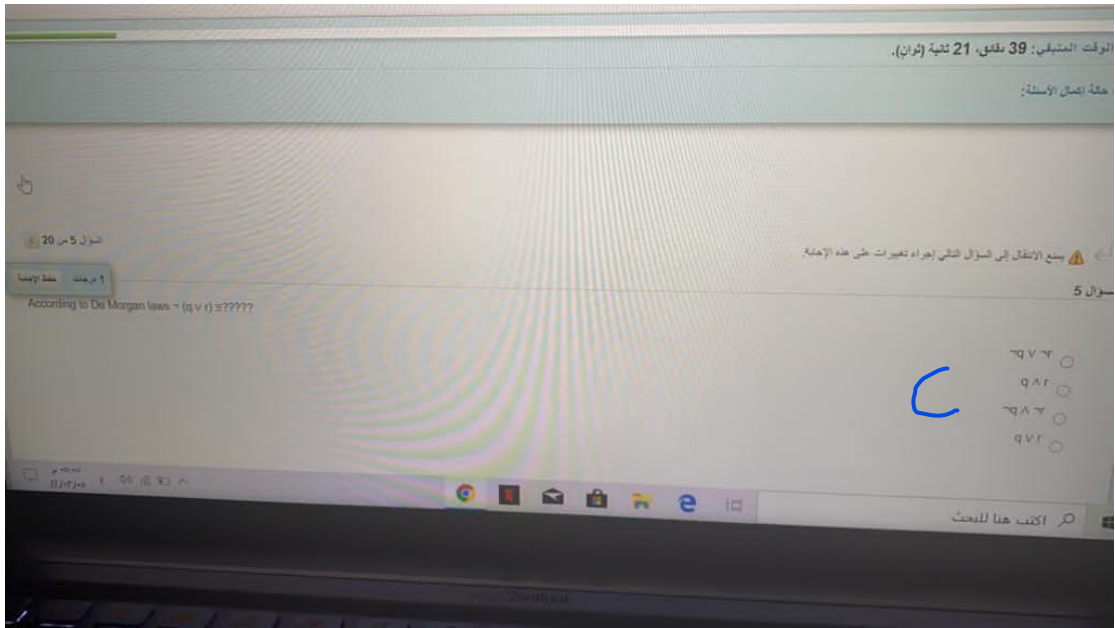












Question Completion Status:

⚠ Moving to the next question prevents changes to this answer

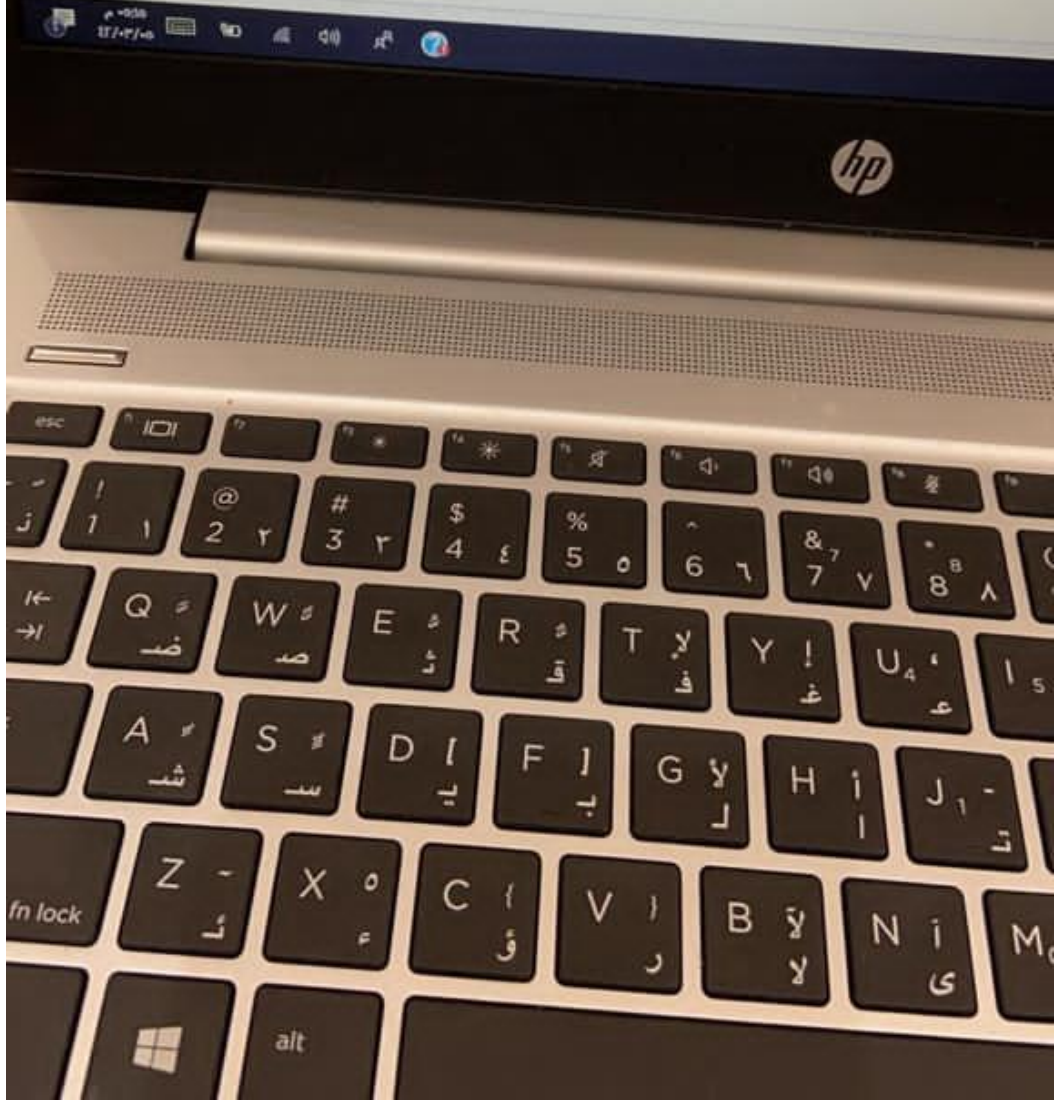
Question 17

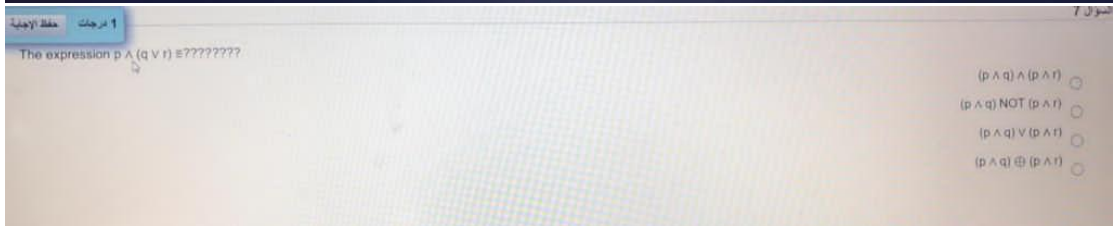
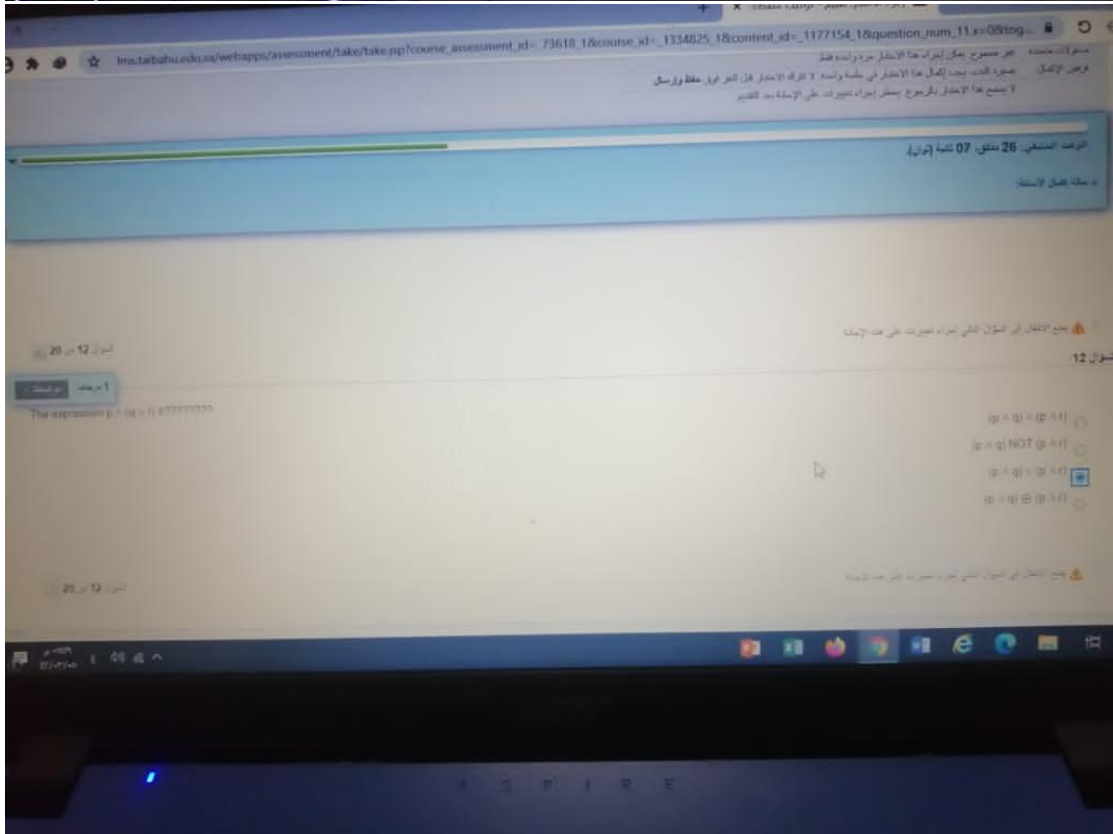
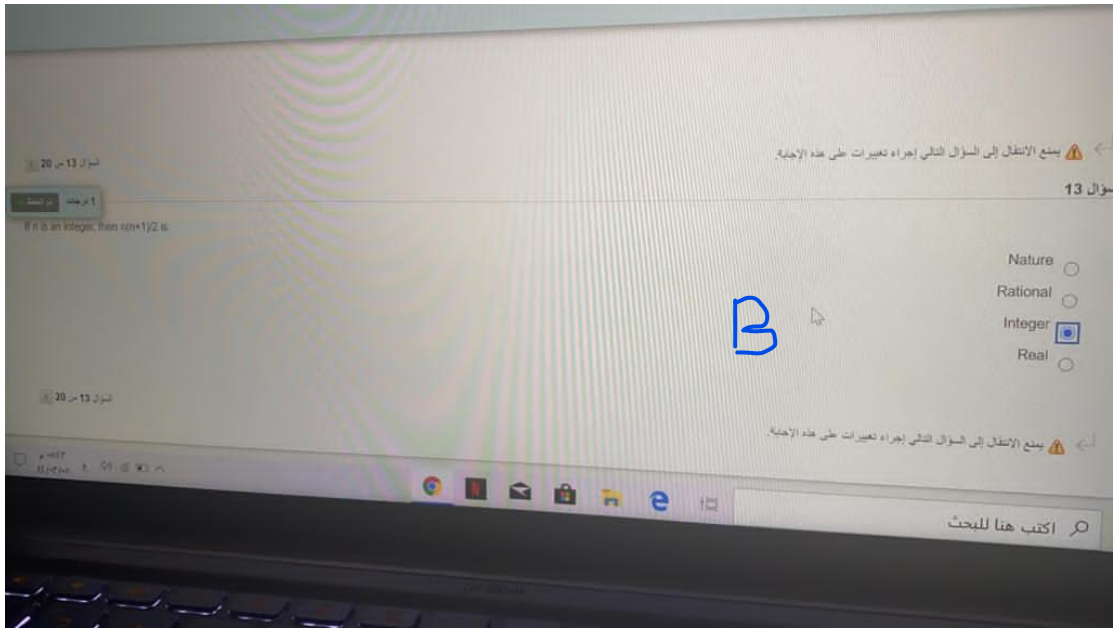
The expression $p \wedge q \vee r$: Could be interpreted as ????????

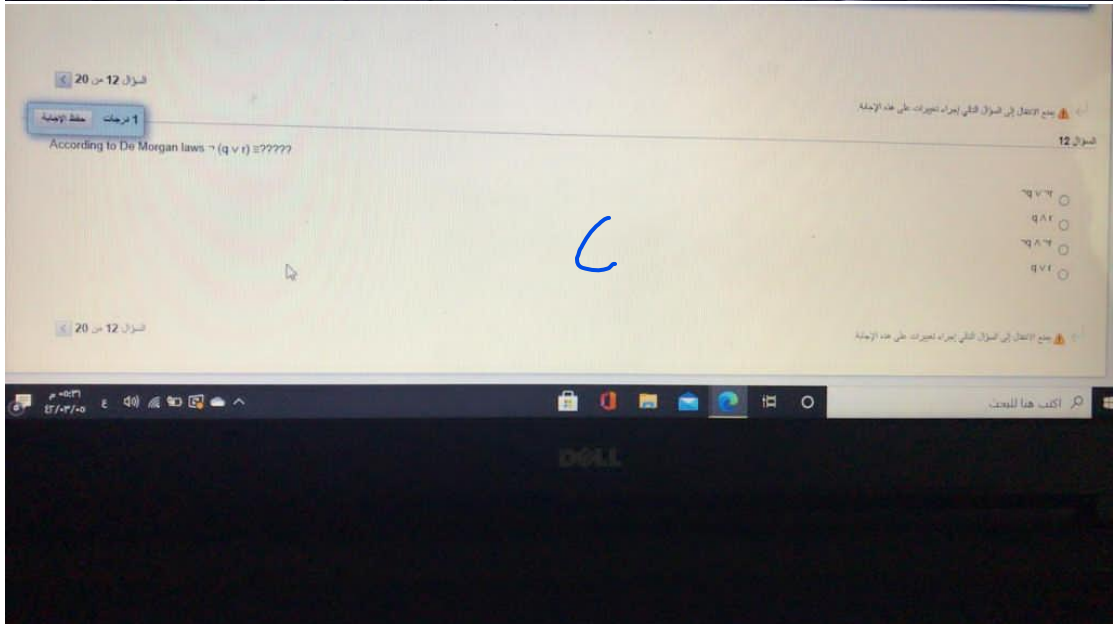
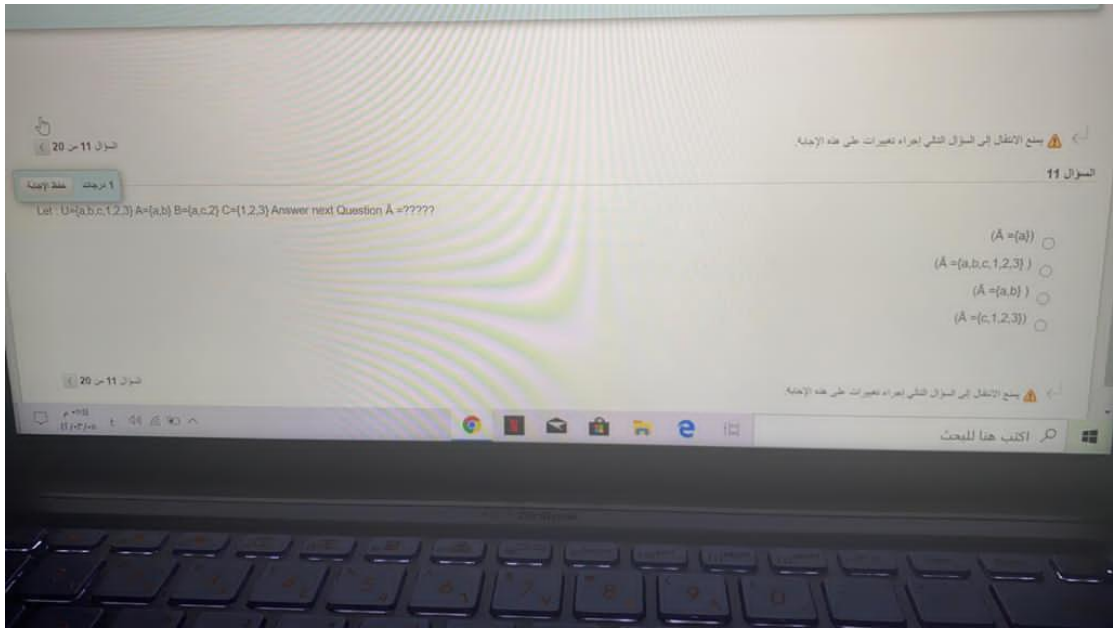
- $(p \wedge q) \vee r$
- $p \wedge (q \wedge r)$
- $(p \vee q) \wedge r$
- $p \wedge q \wedge r$

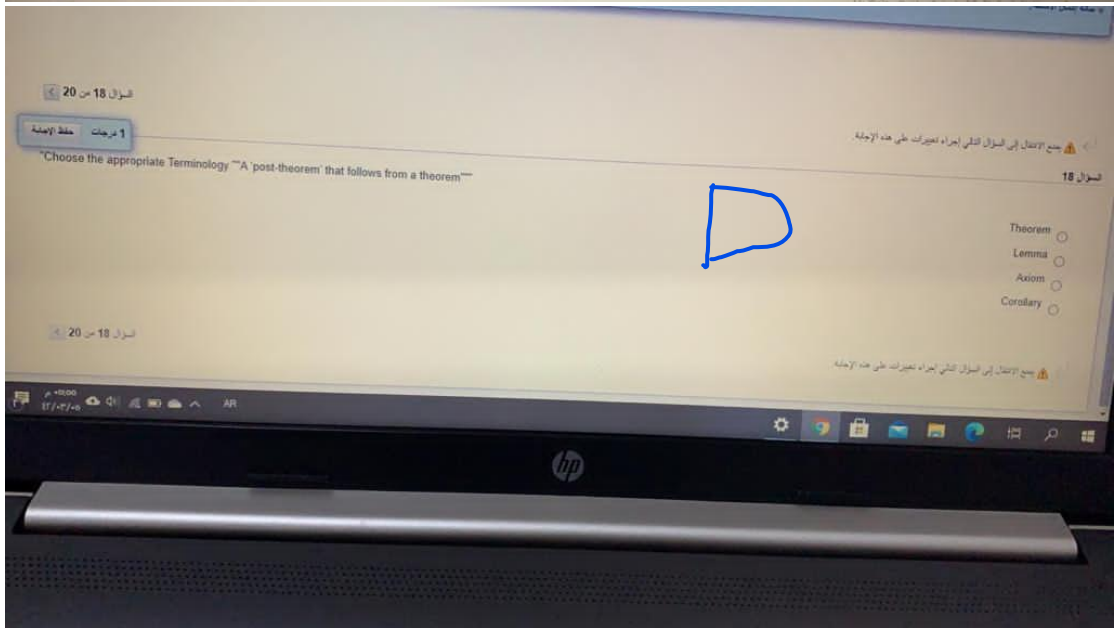
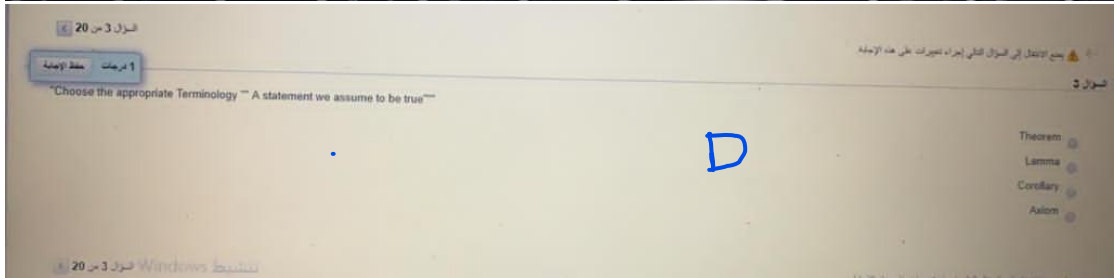
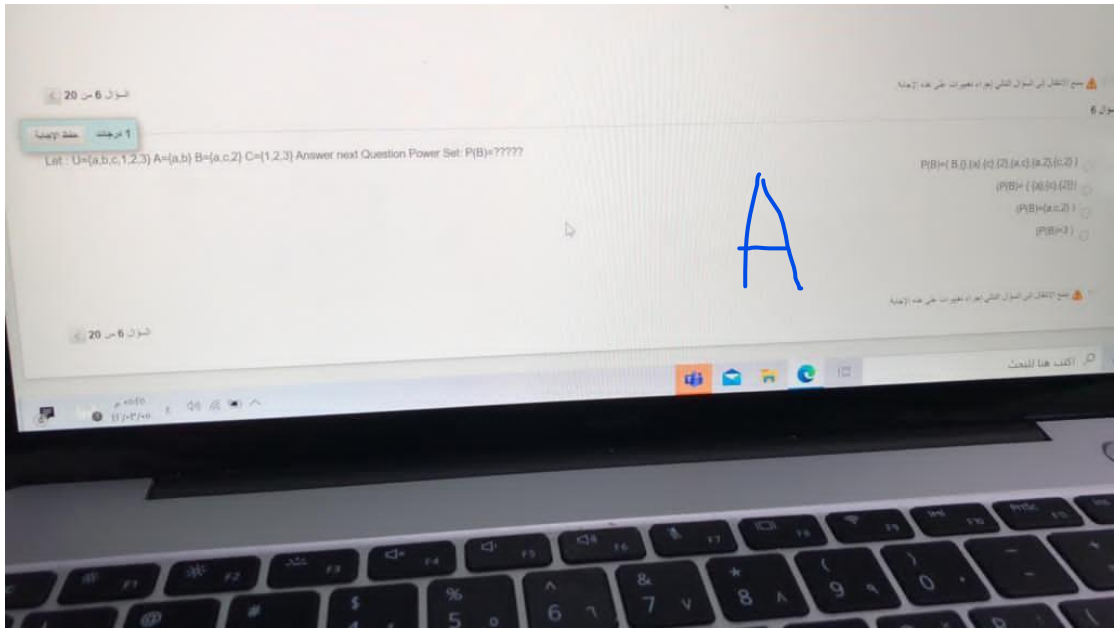
A

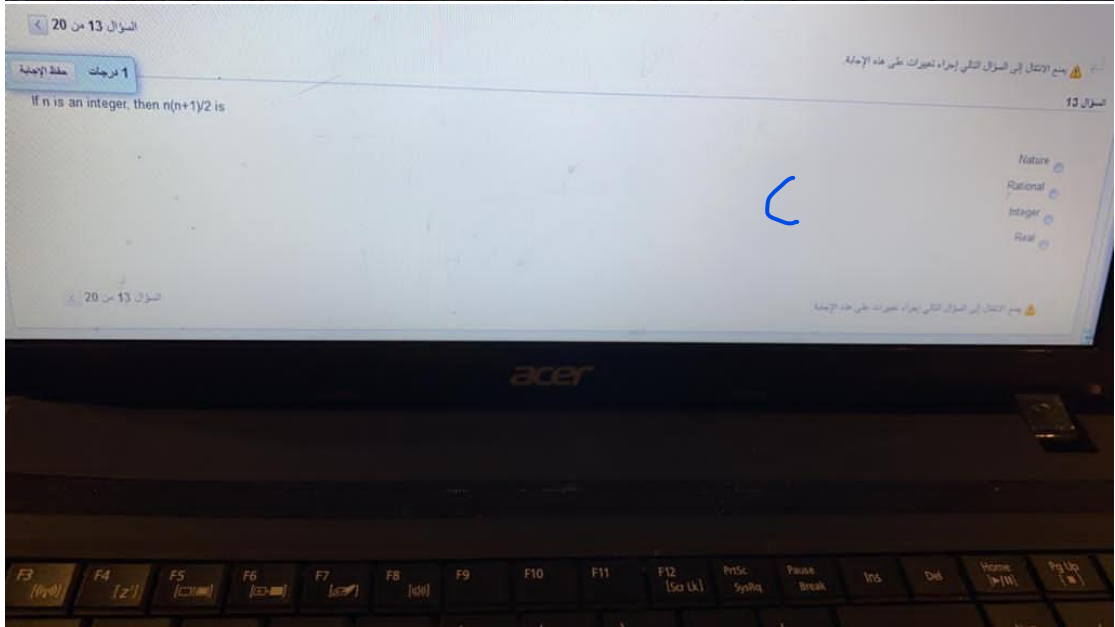
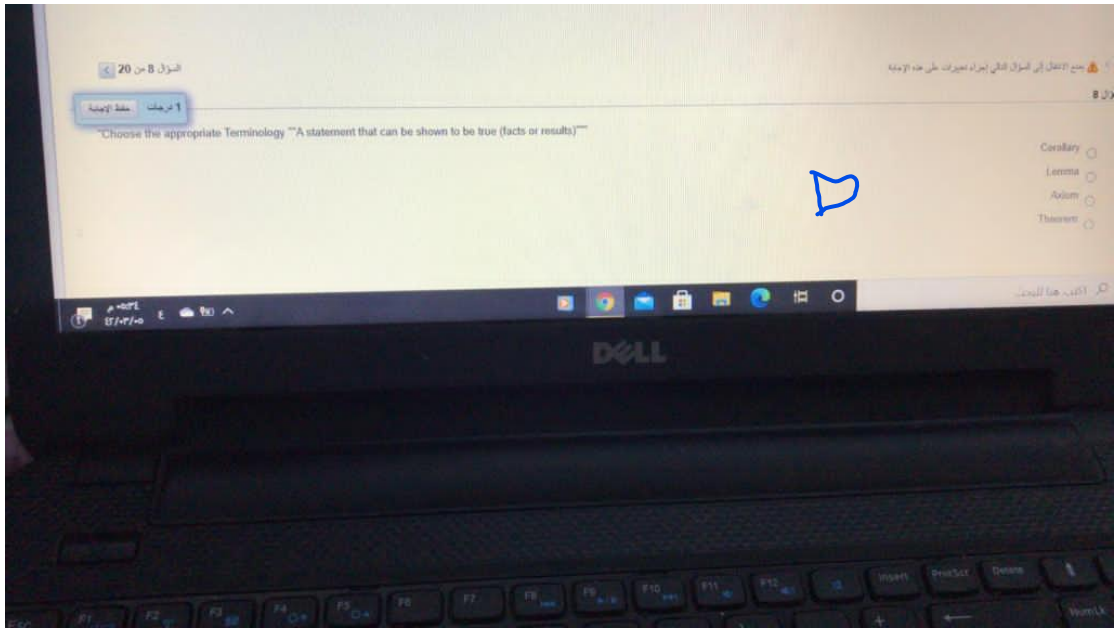
⚠ Moving to the next question prevents changes to this answer

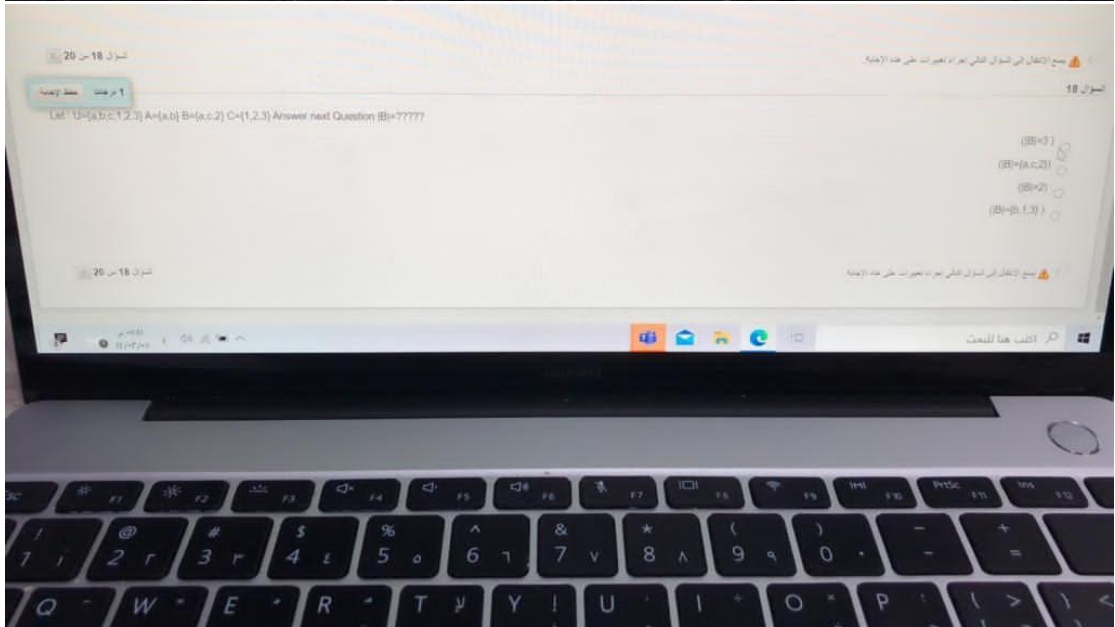
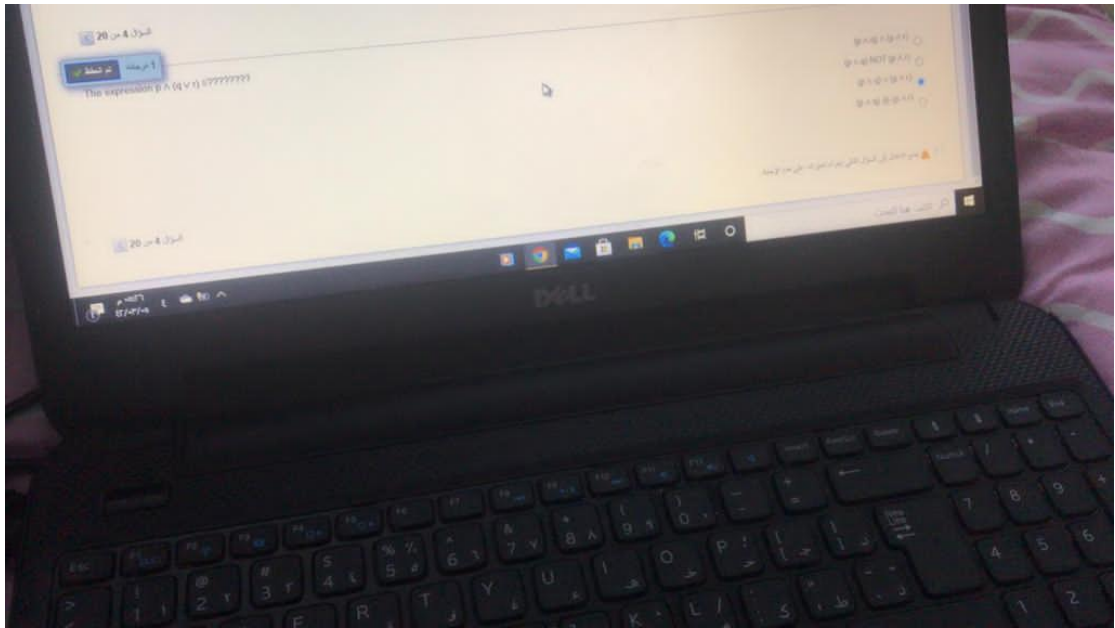


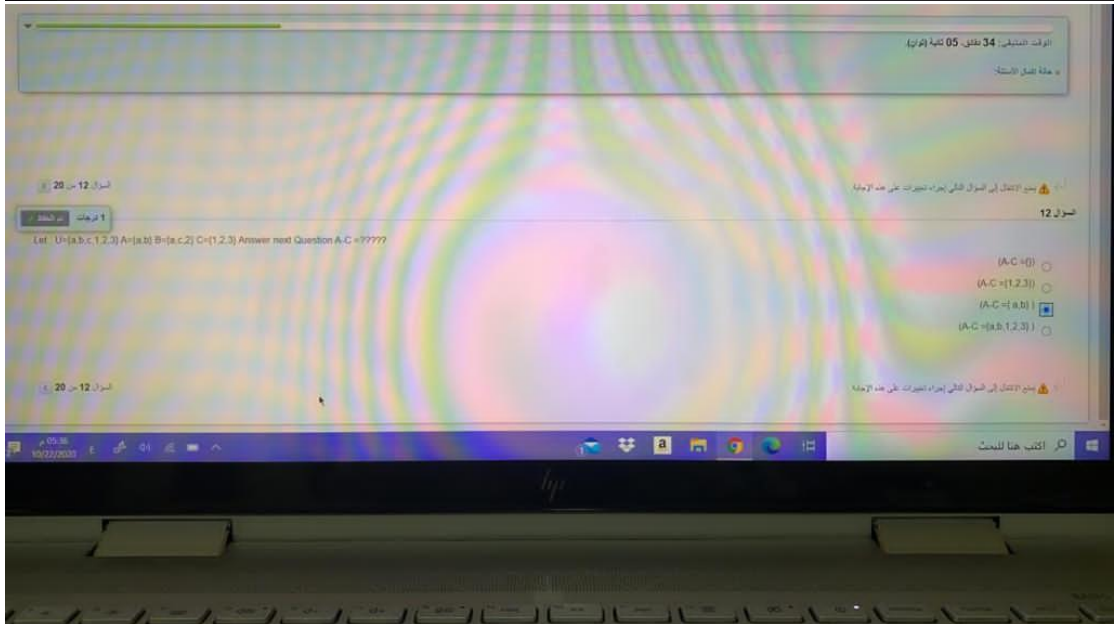
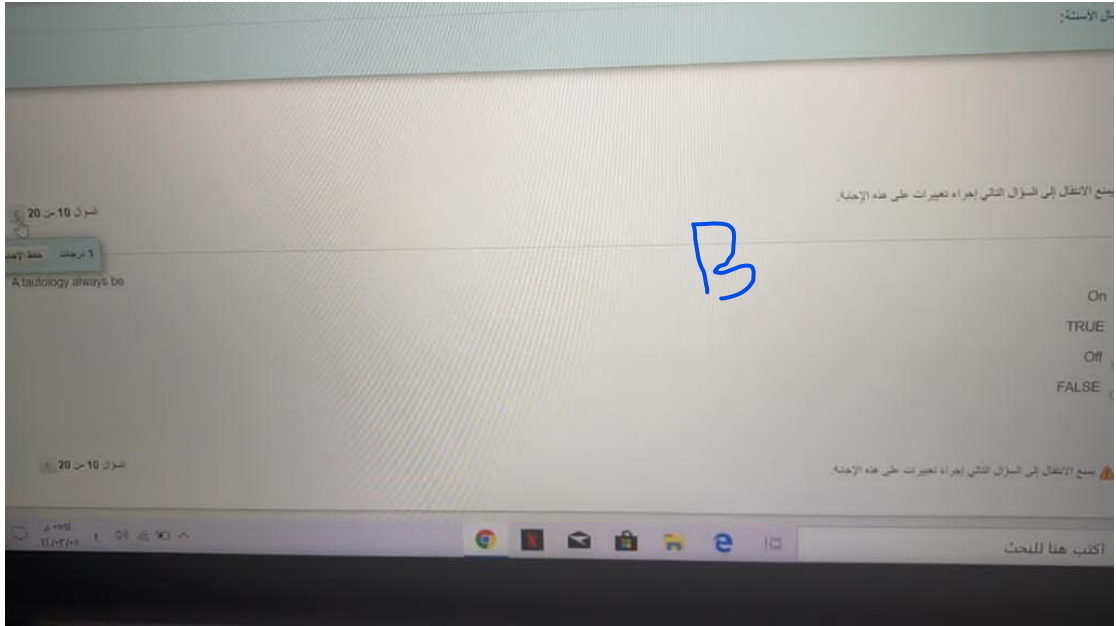


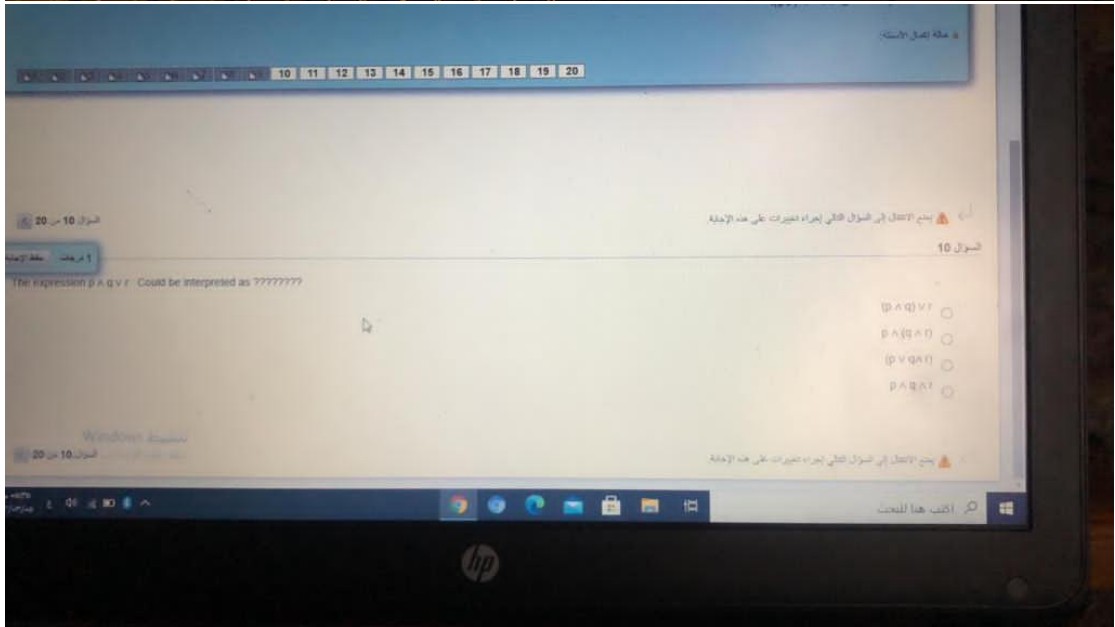
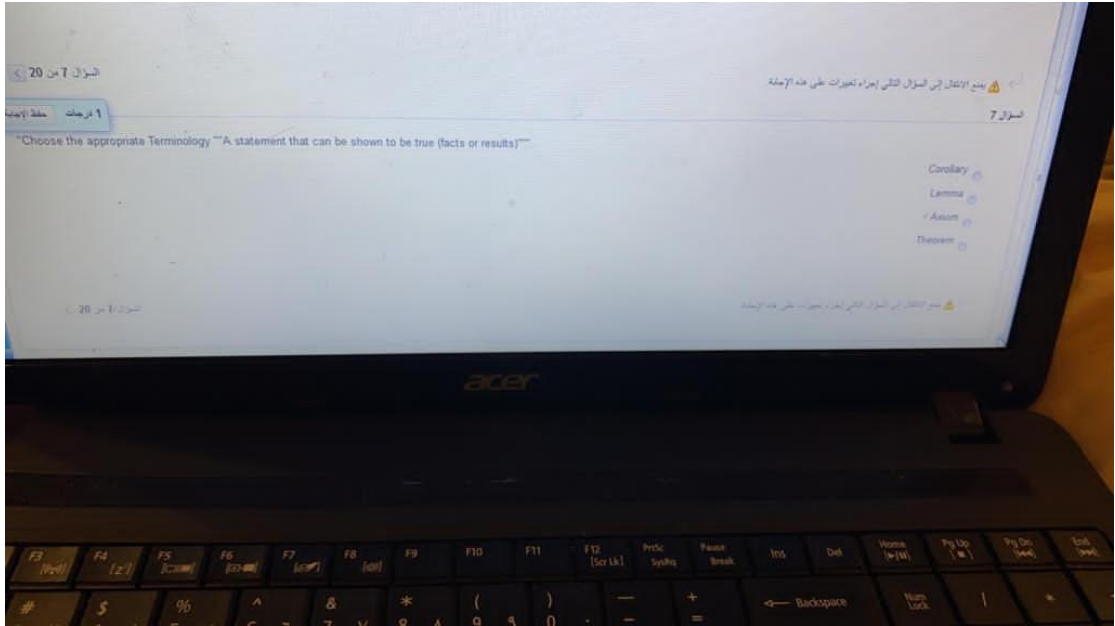


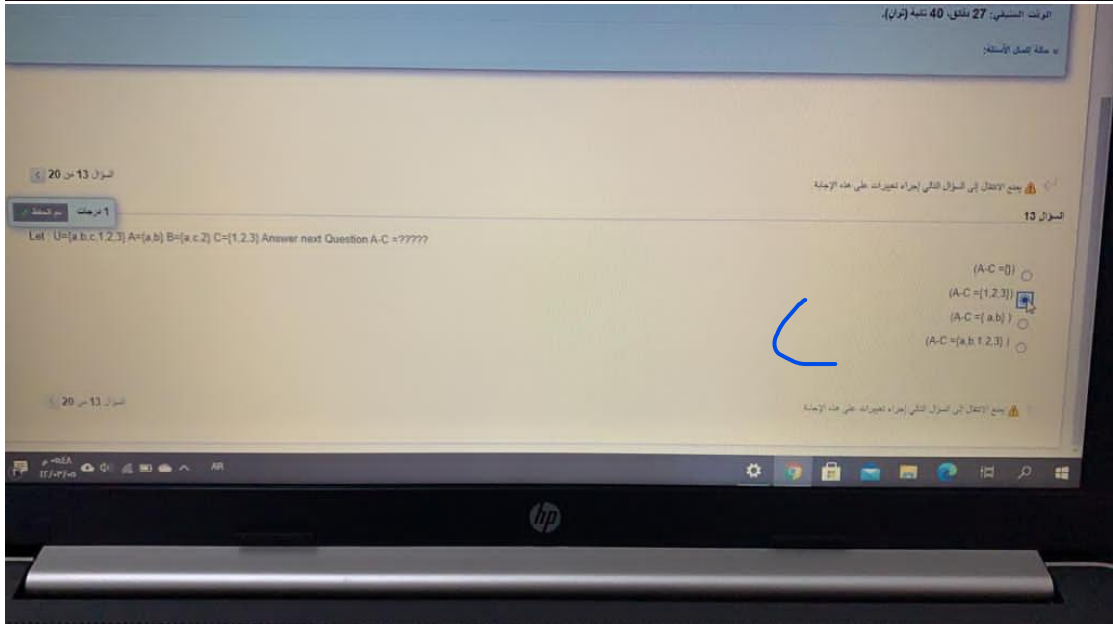
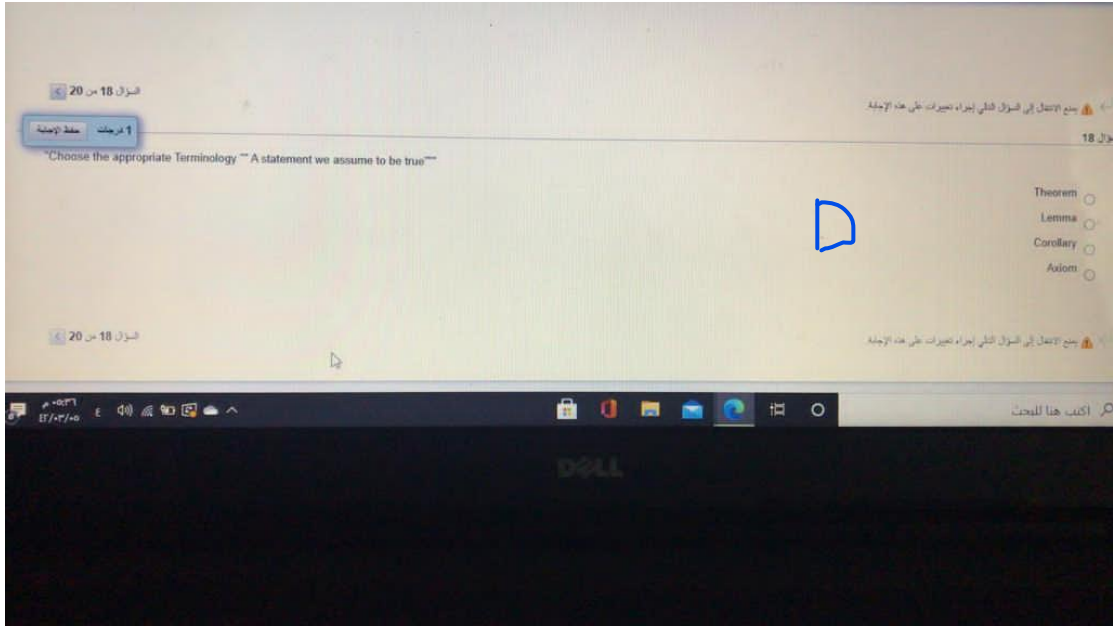


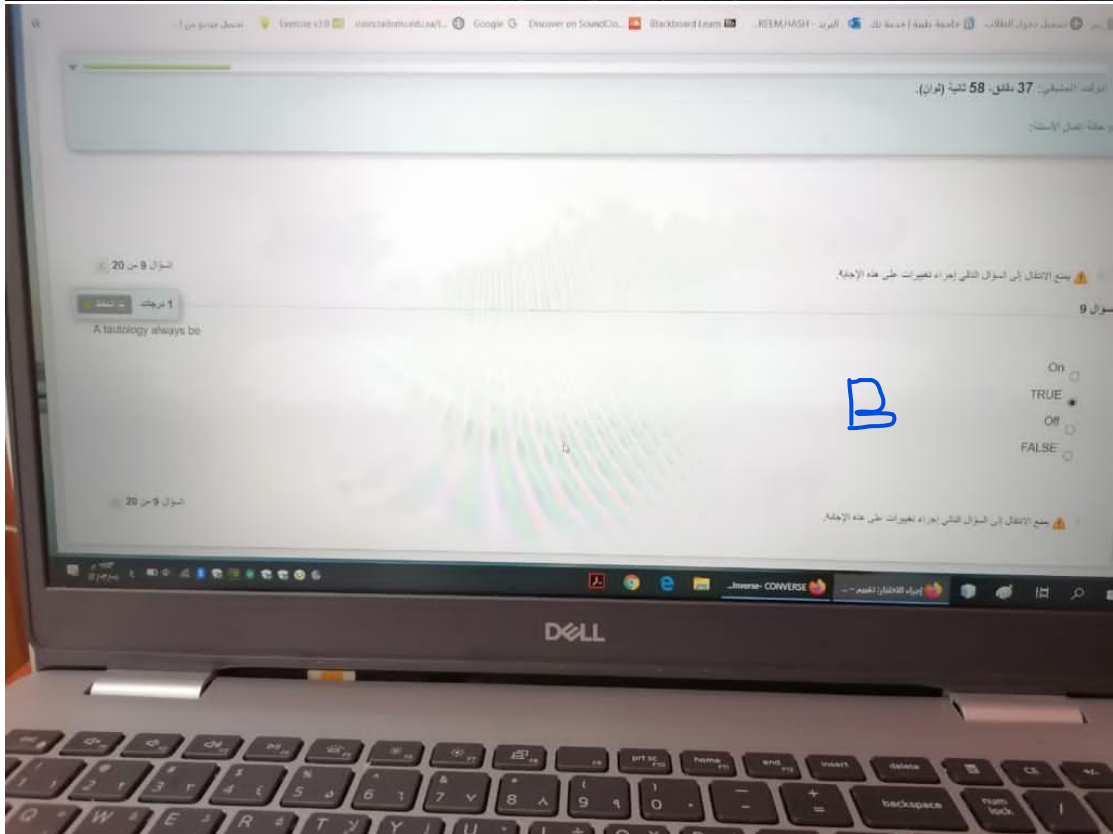
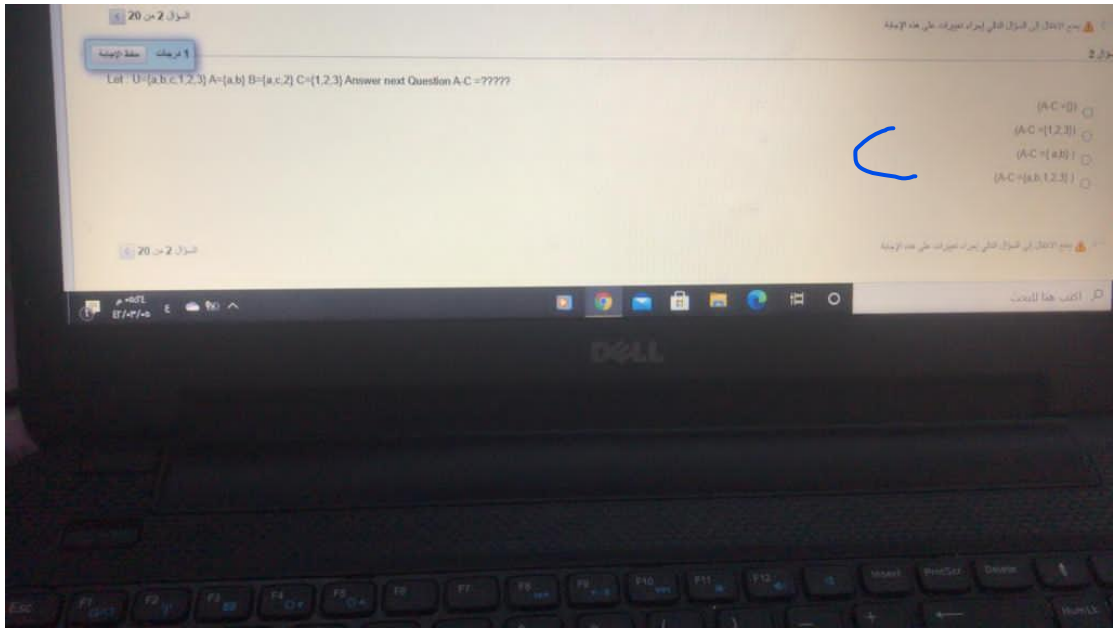


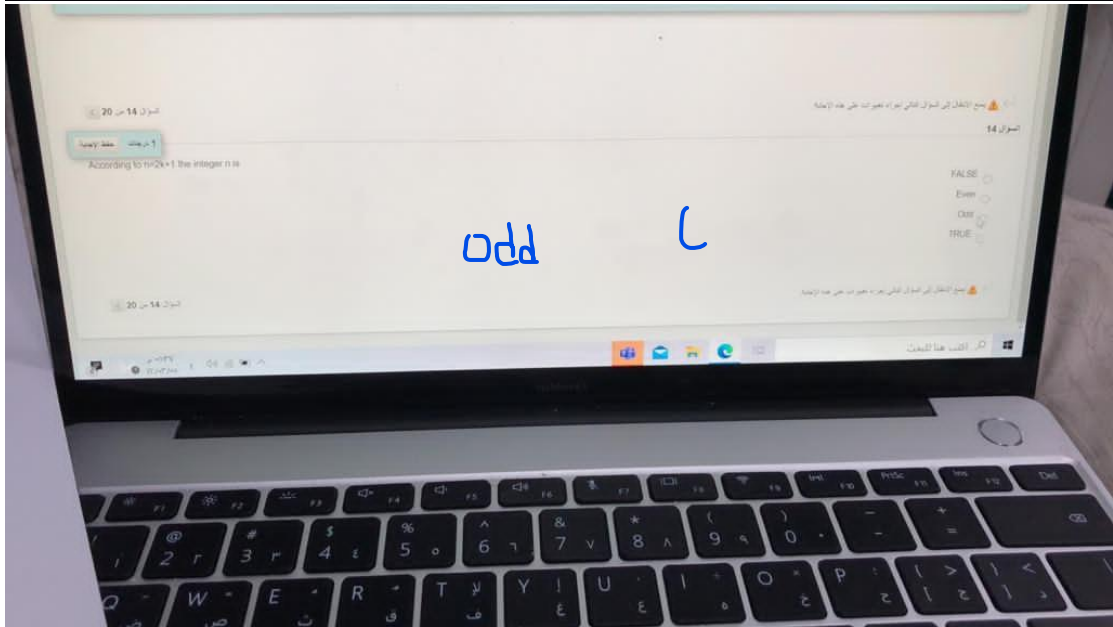
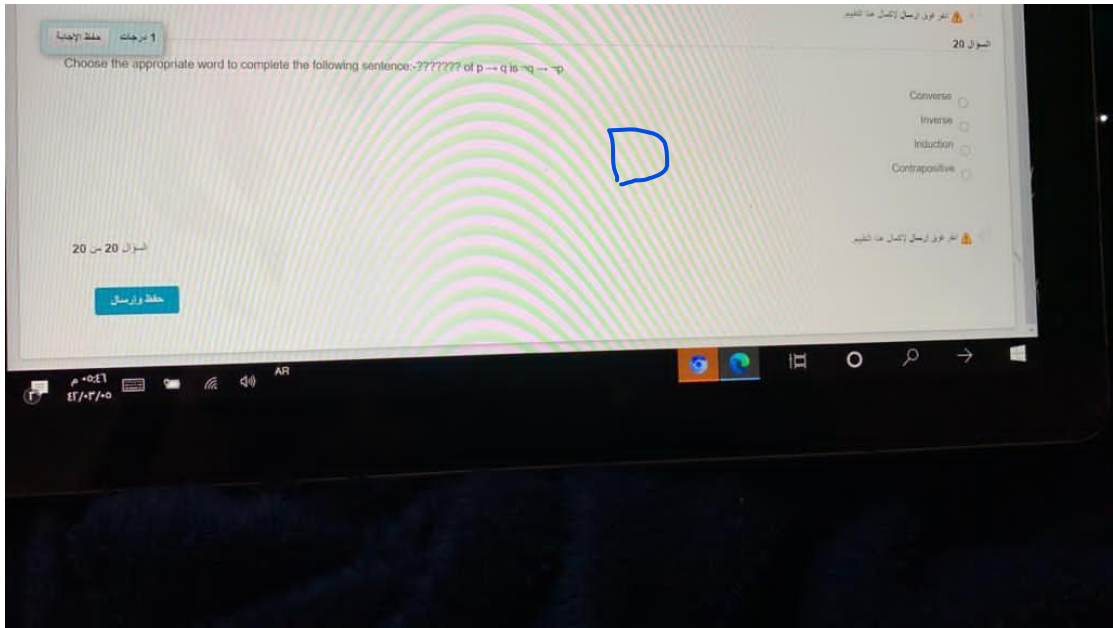


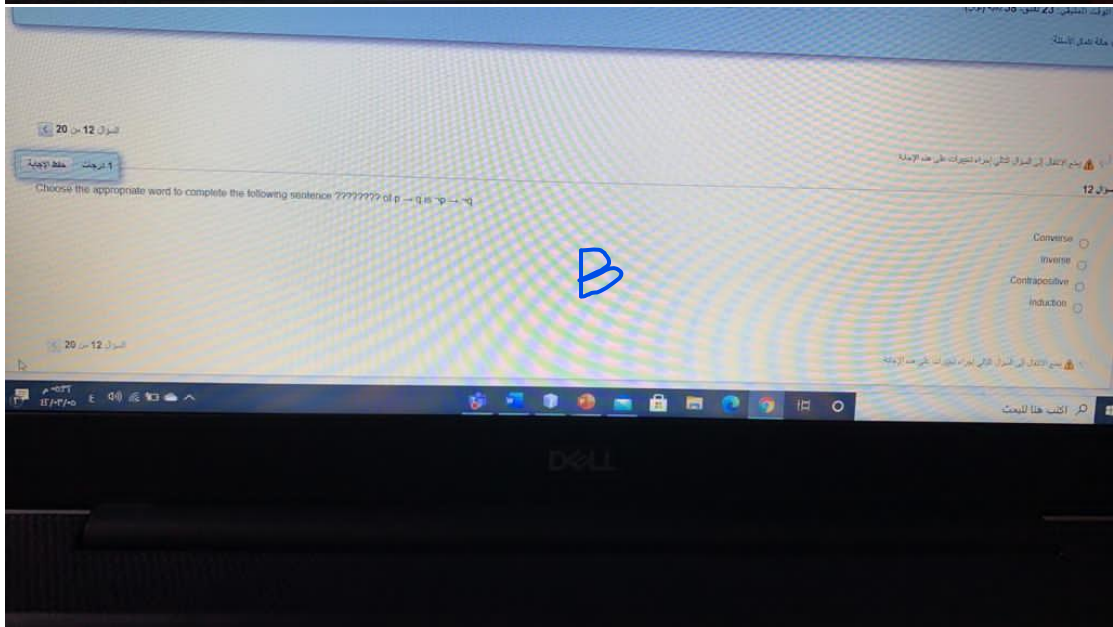
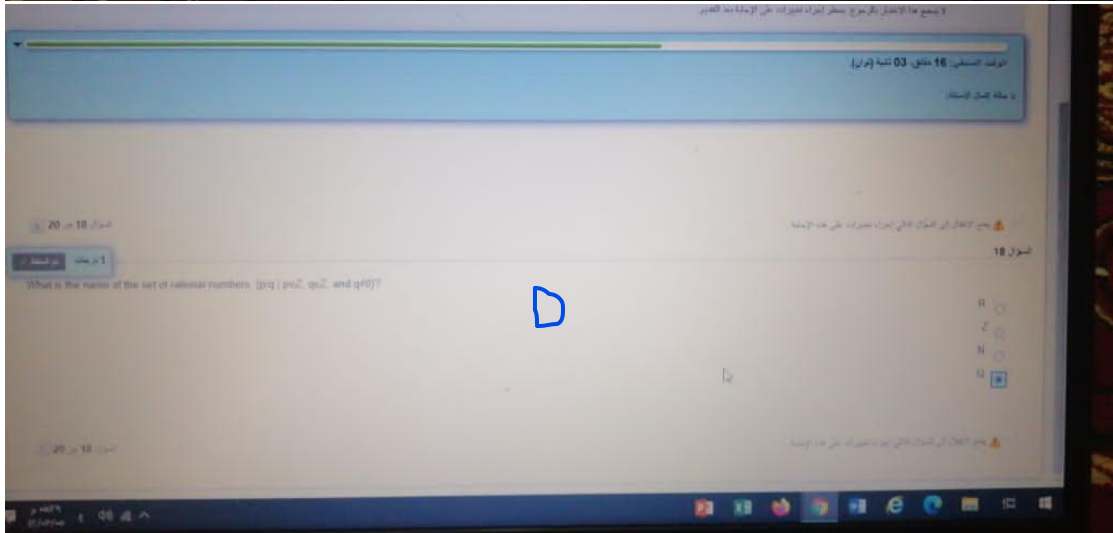
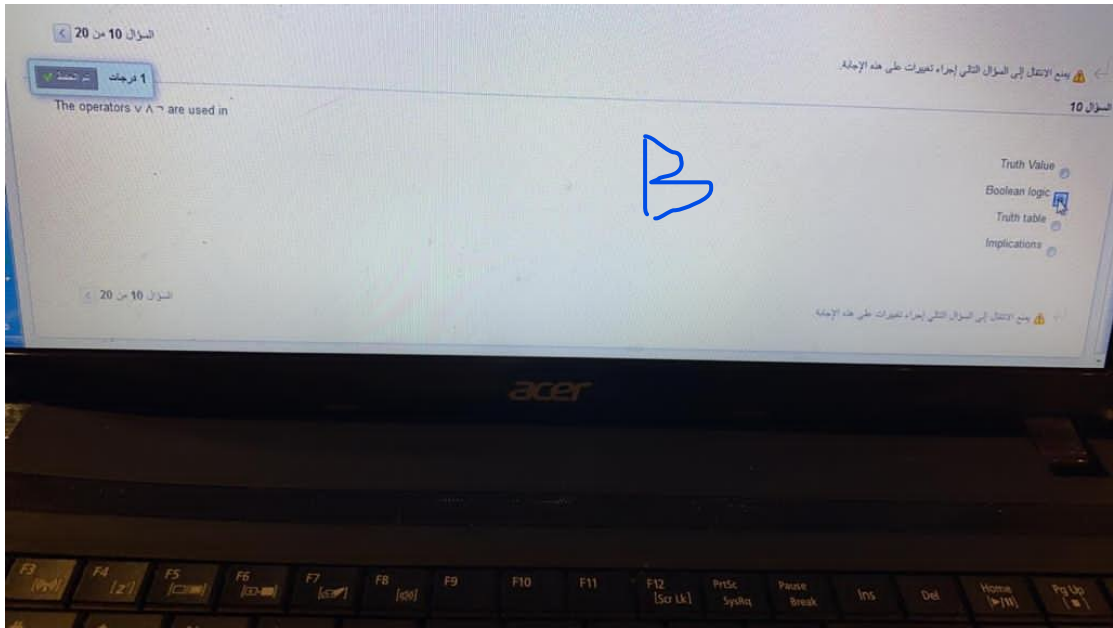


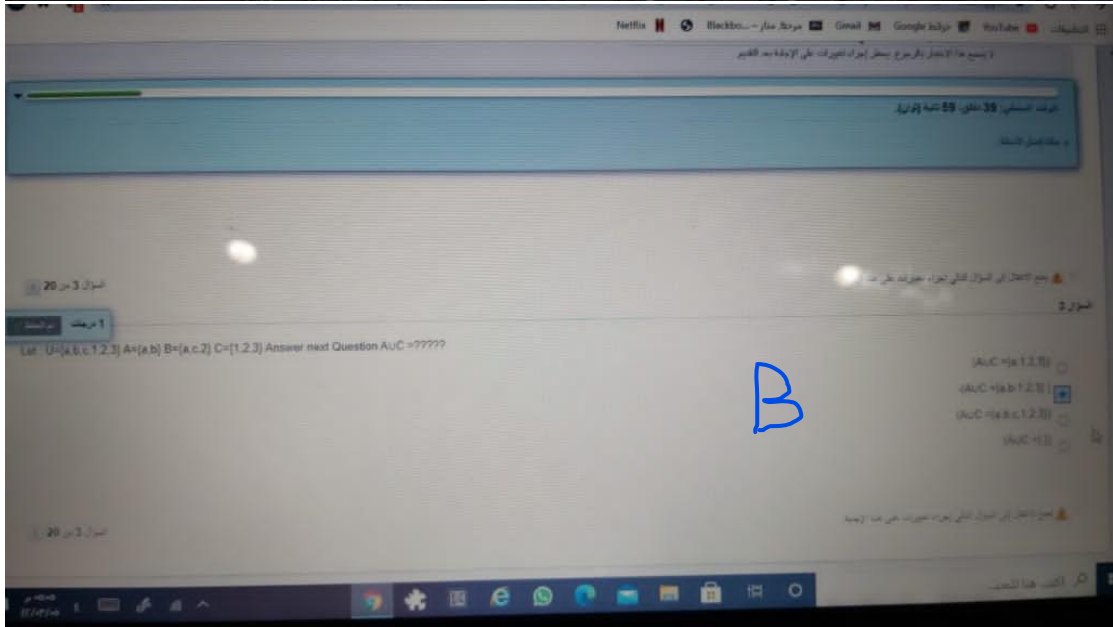
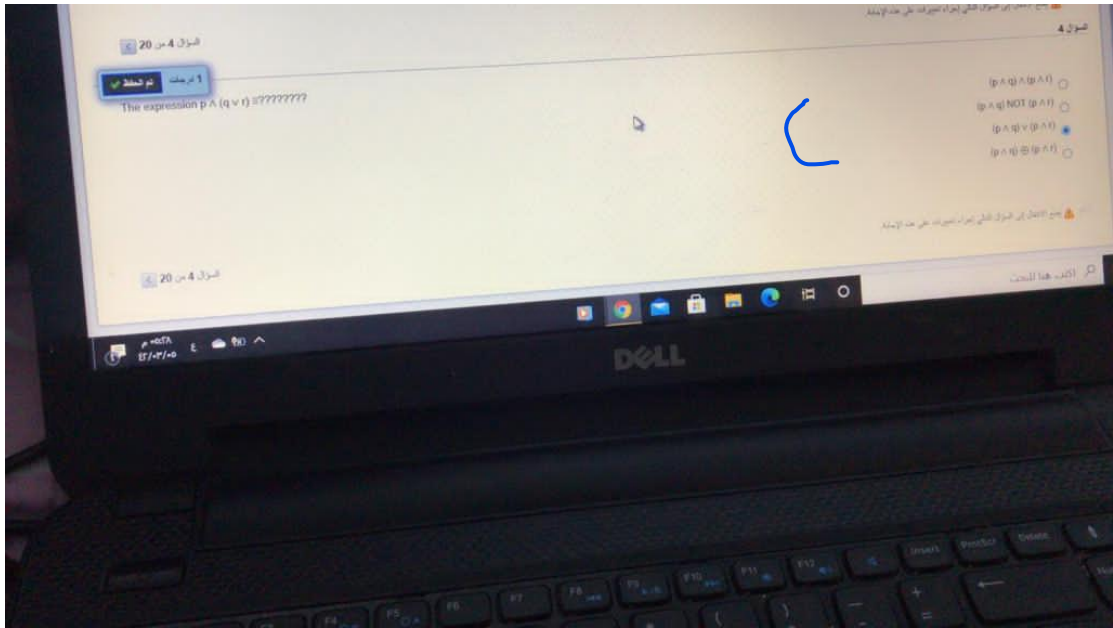


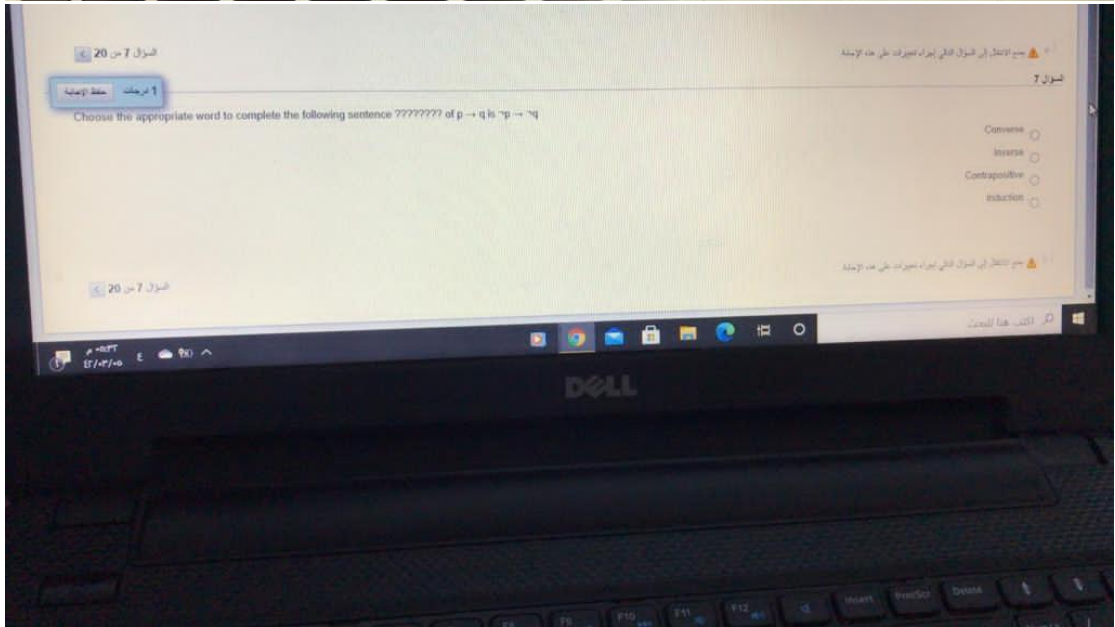
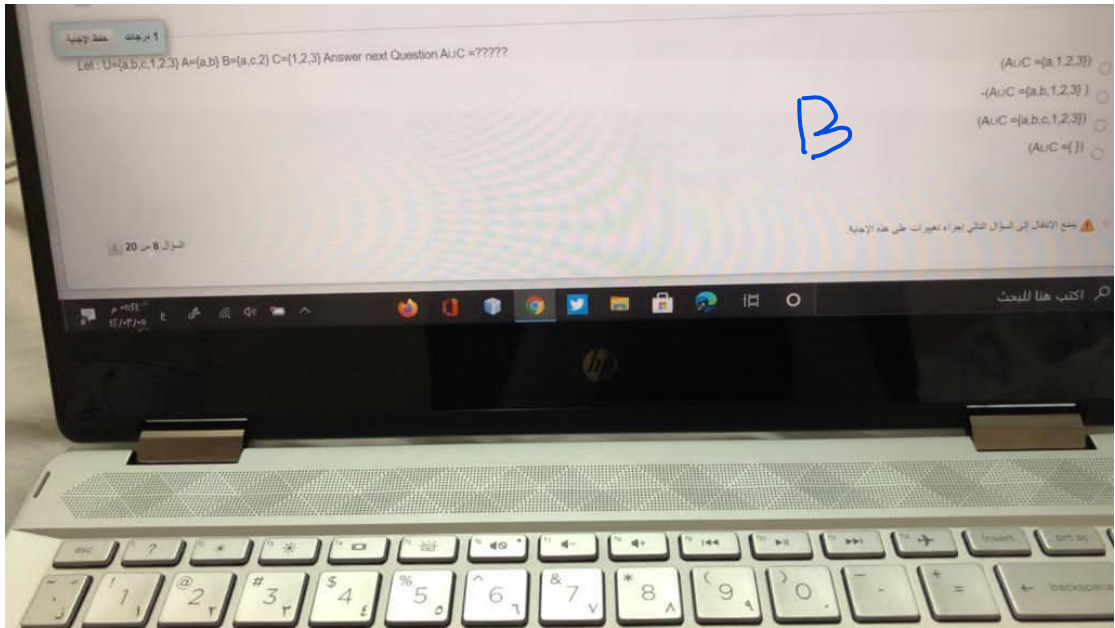


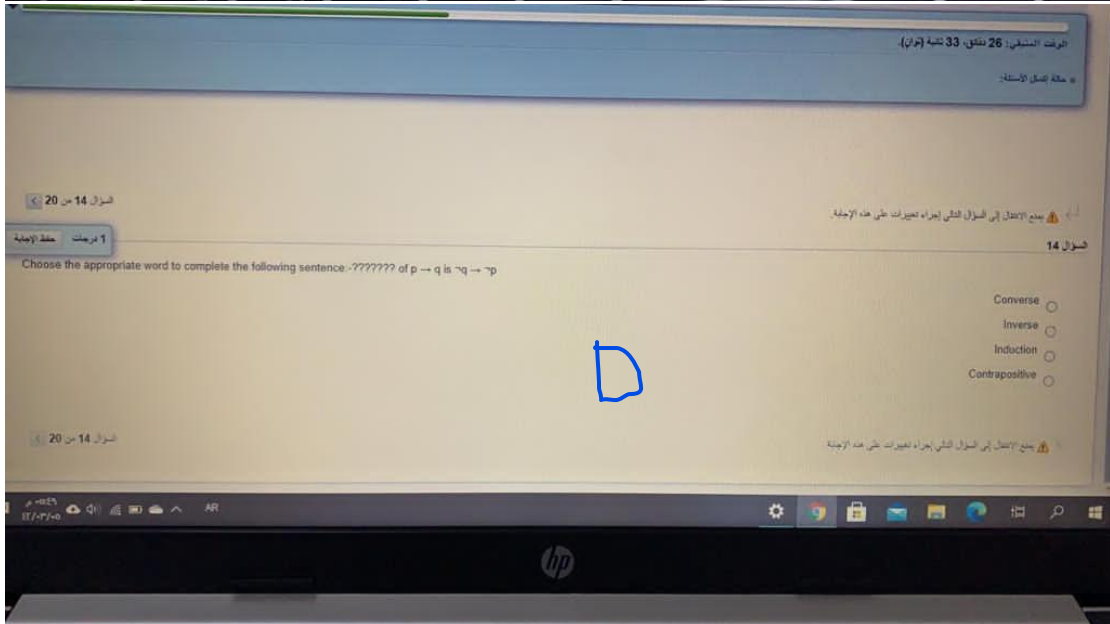
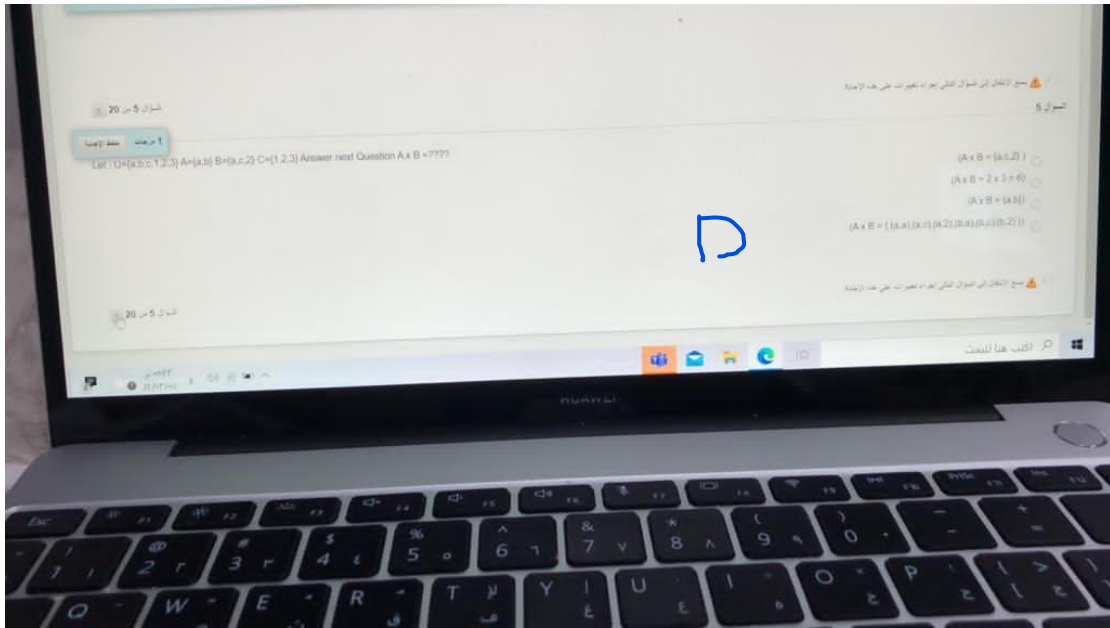


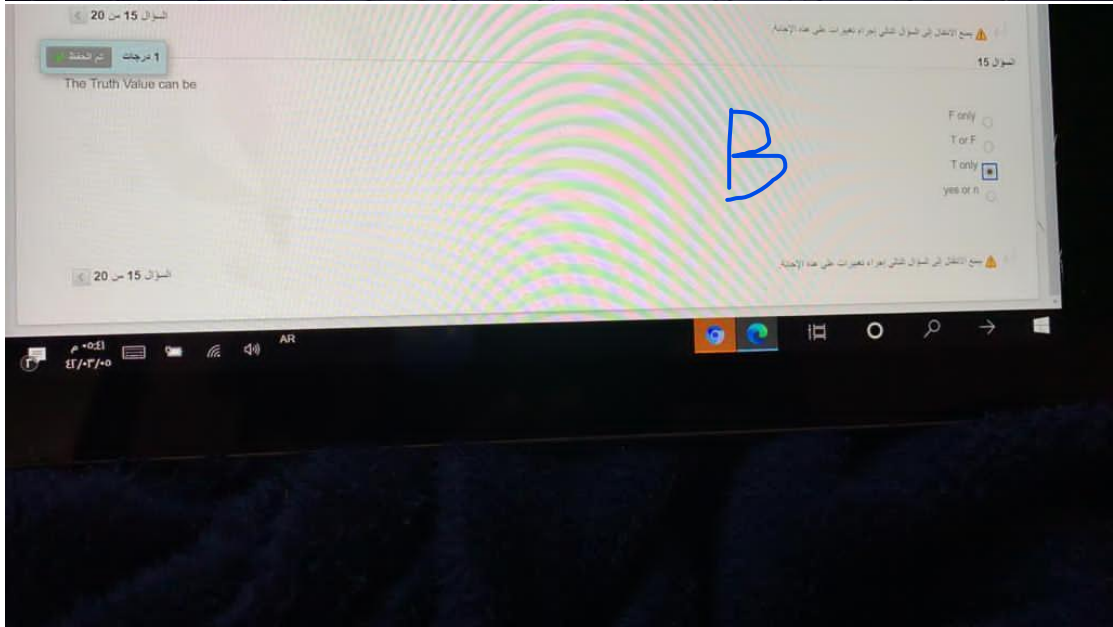
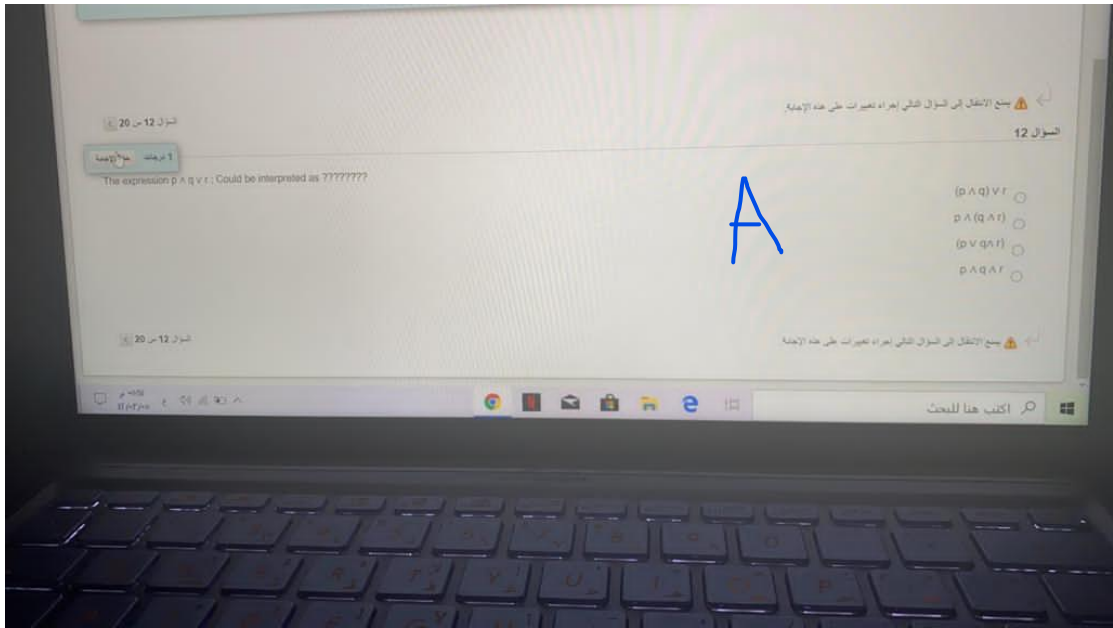


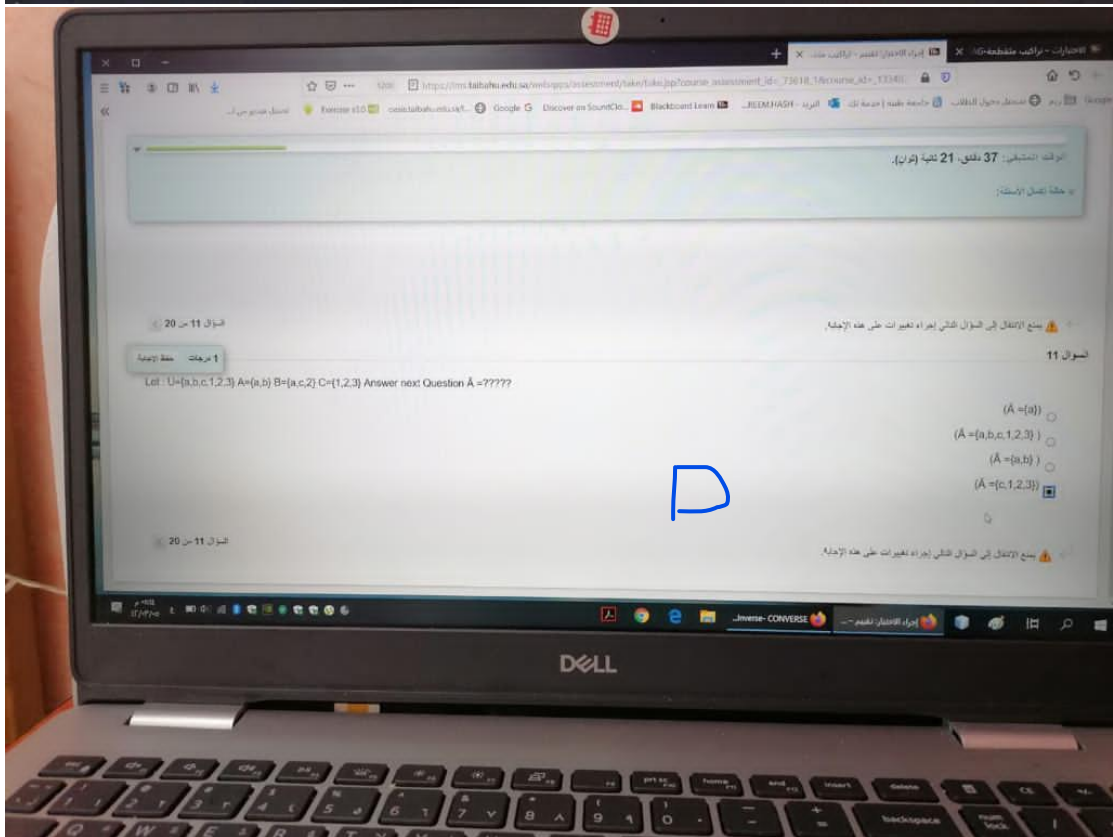
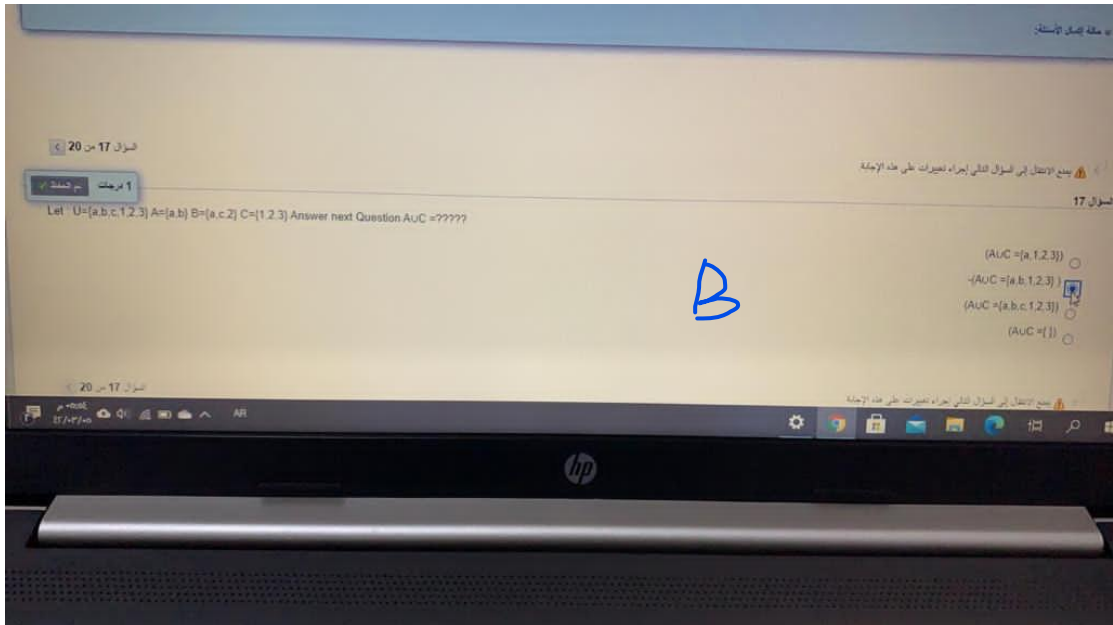


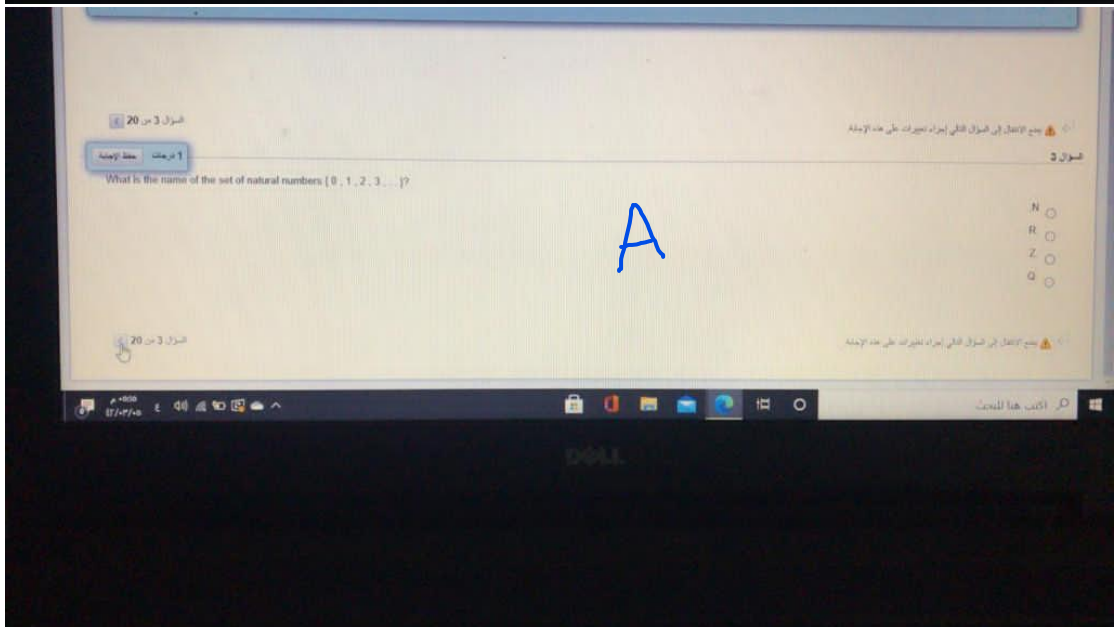
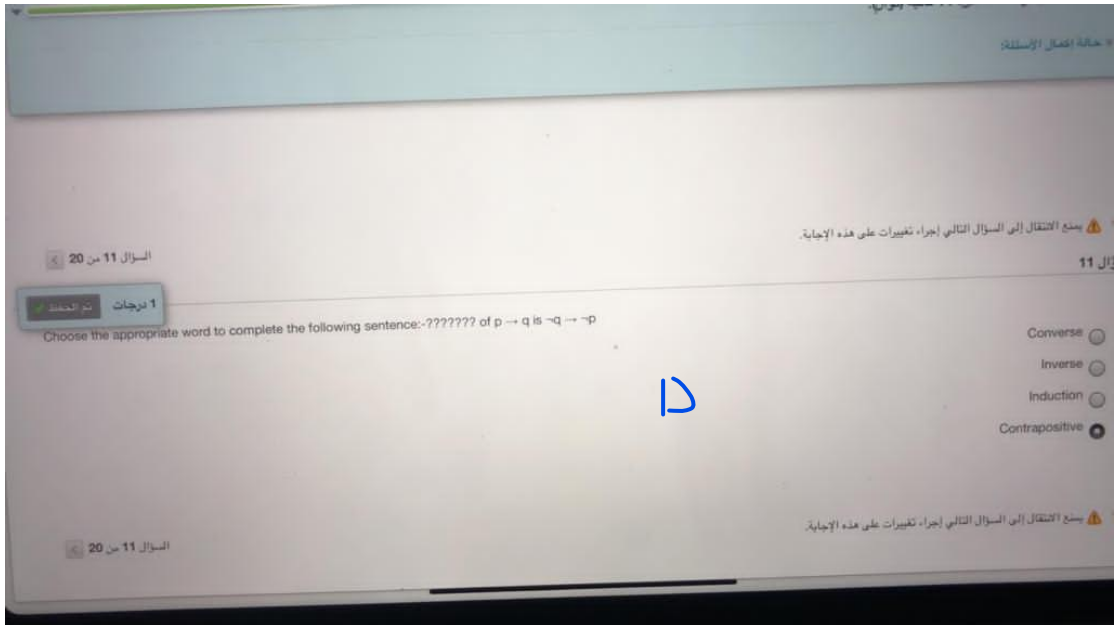


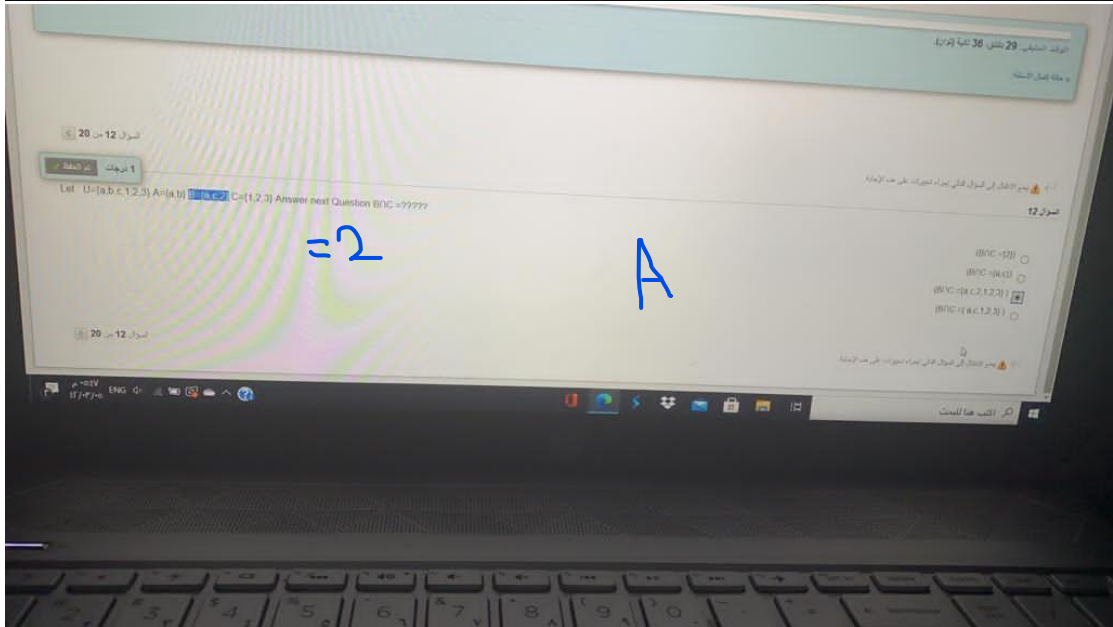
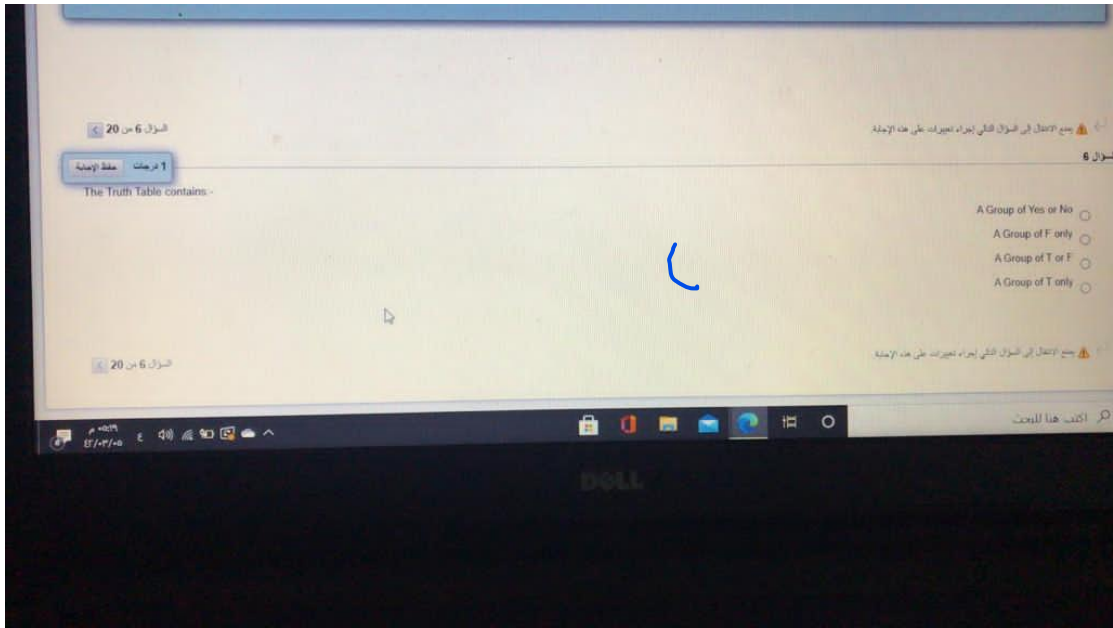












Question Completion Status:

⚠ Moving to the next question prevents changes to this answer.

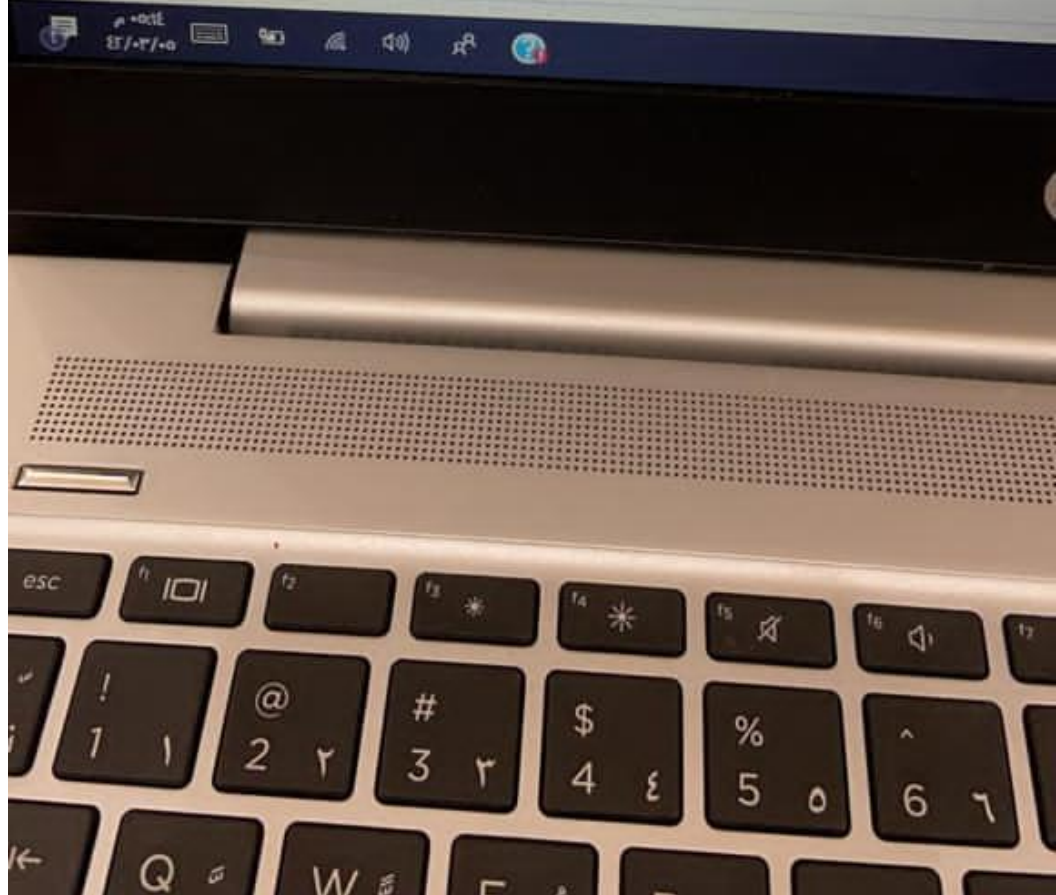
Question 16

if $p \leftrightarrow q$ is a tautology then

- $p \equiv q$
- $p > q$
- $p = q$
- $p < q$

A

⚠ Moving to the next question prevents changes to this answer.



الرجاء الانتباه: 09 نبقى 33 على (09)

و على سؤال اليا

سؤال 13 من 20

سؤال 13 من 20

Let $U = \{a, b, c, 1, 2, 3\}$, $A = \{a, b\}$, $B = \{a, c, 2\}$, $C = \{1, 2, 3\}$. Answer: next Question $A \cap B = \{ \}$?

سؤال 13 من 20

- A. $\{A \cap B = \{b, c, 2\}\}$
- B. $\{A \cap B = \{a, b, c, 2\}\}$
- C. $\{A \cap B = \{a\}\}$
- D. $\{A \cap B = \{a, b, c, 2\}\}$

سؤال 13 من 20

$G = \{1, 2, 3\}$ Answer next Question $A - C = \{ \}$????

C

- $(A - C = \{ \})$
- $(A - C = \{1, 2, 3\})$
- $(A - C = \{ a, b \})$
- $(A - C = \{ a, b, 1, 2, 3 \})$

السؤال 4 من 20

السؤال 4 من 20

What is the name of the set of real numbers?

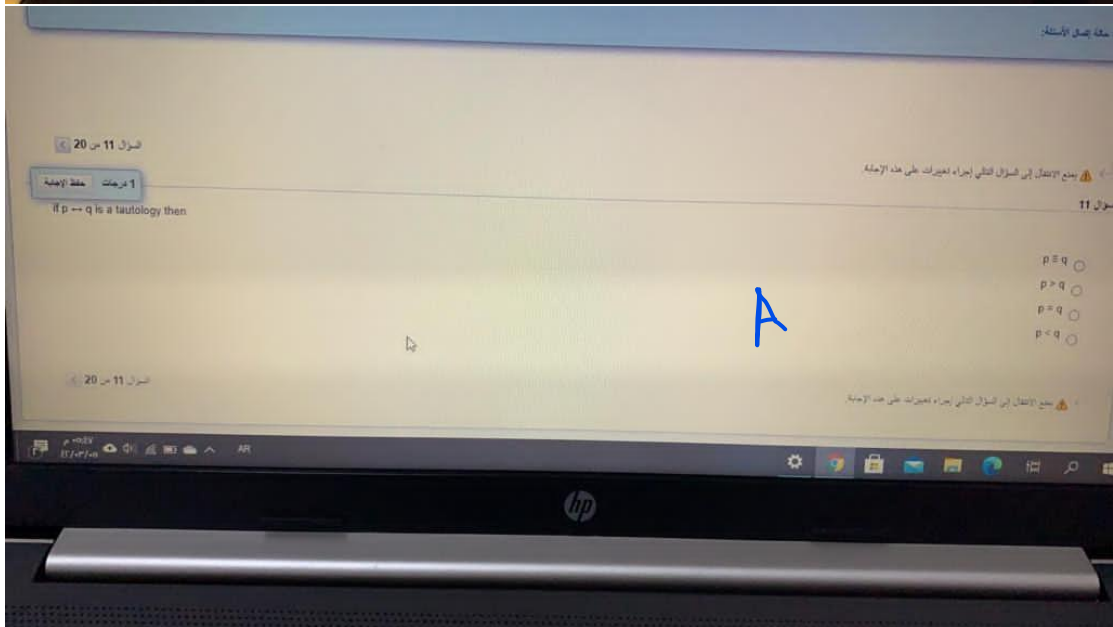
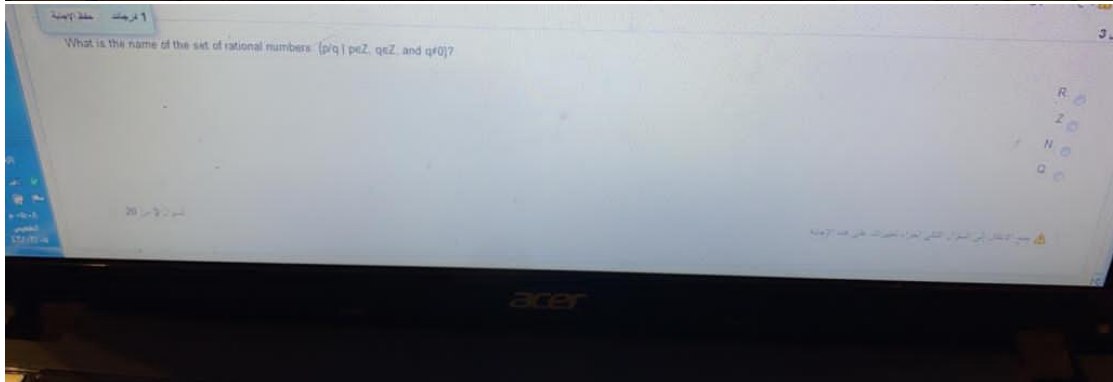
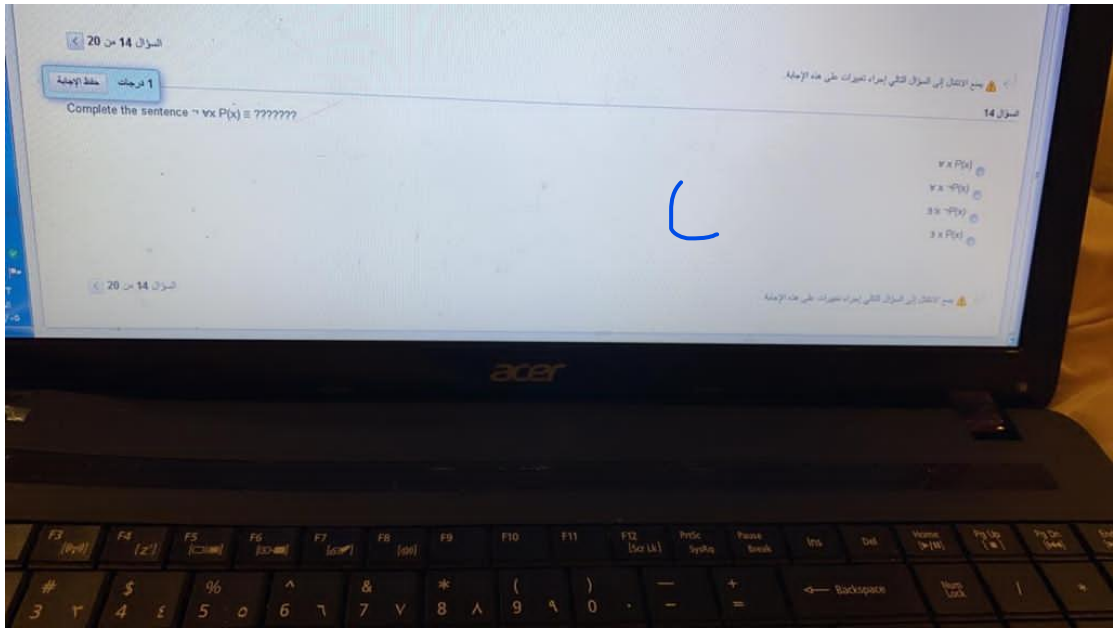
- O
- R
- N
- Z

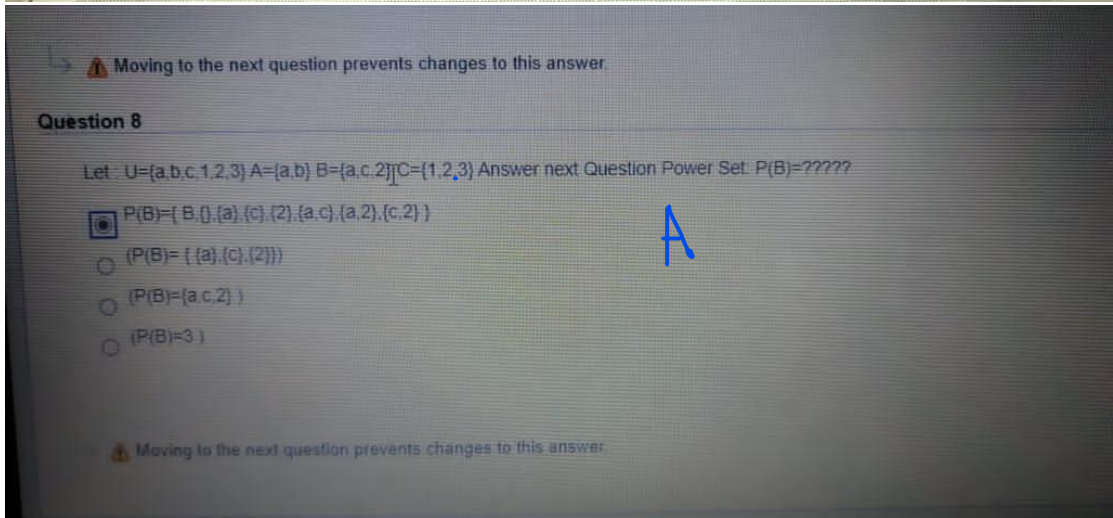
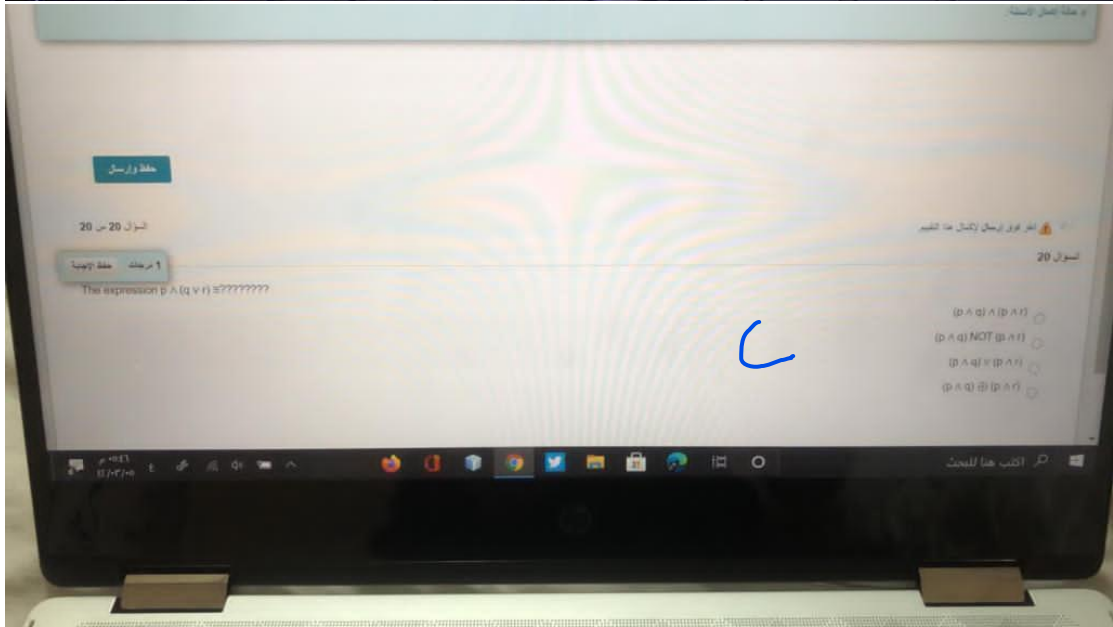
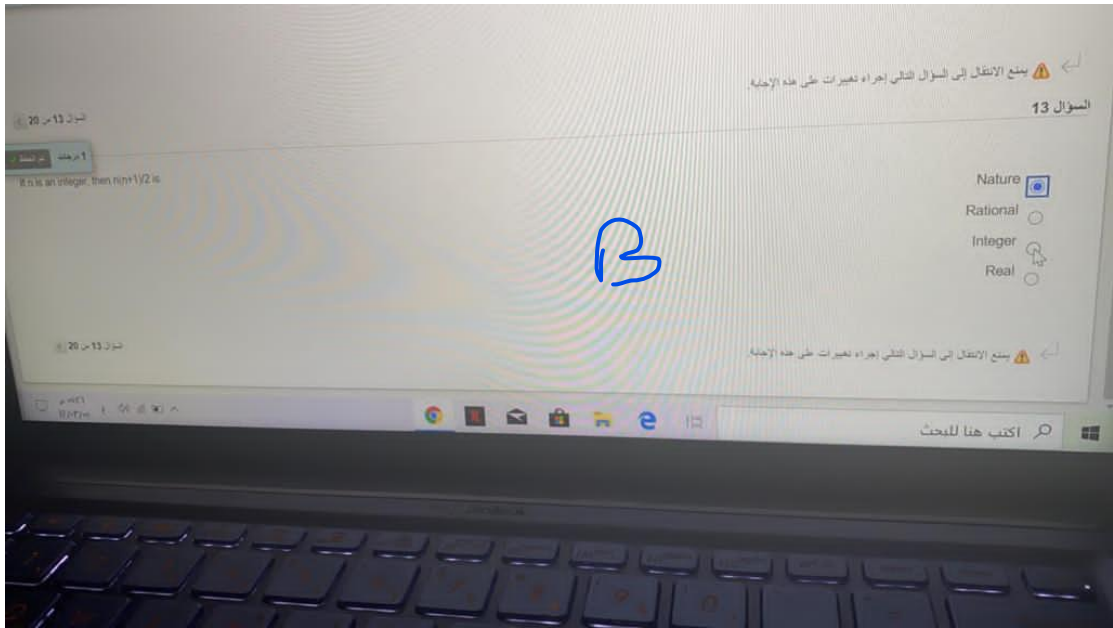
B

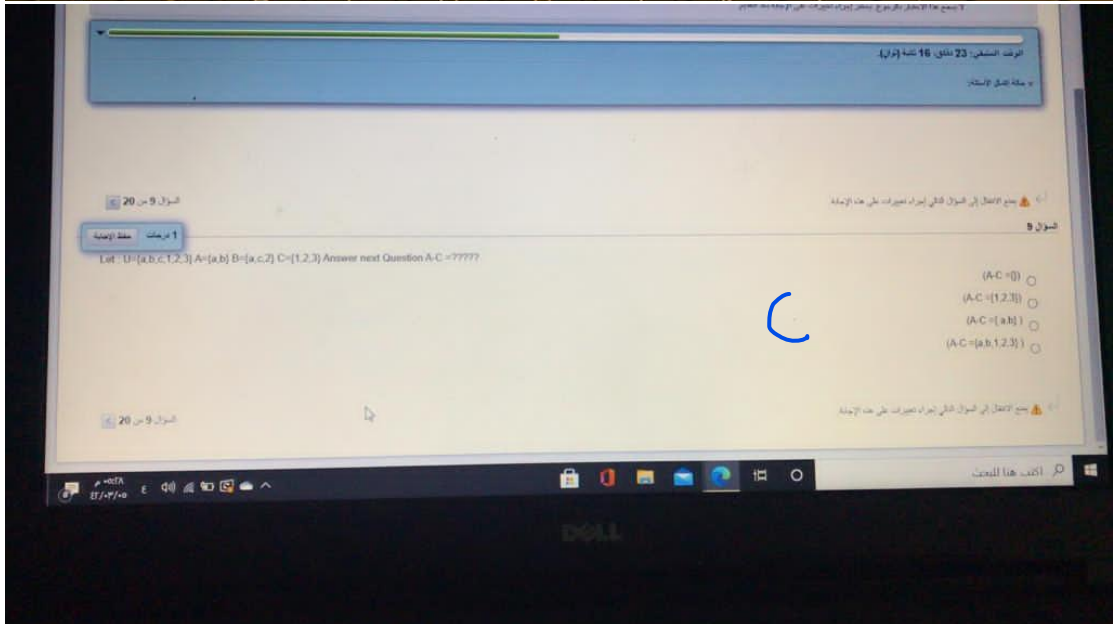
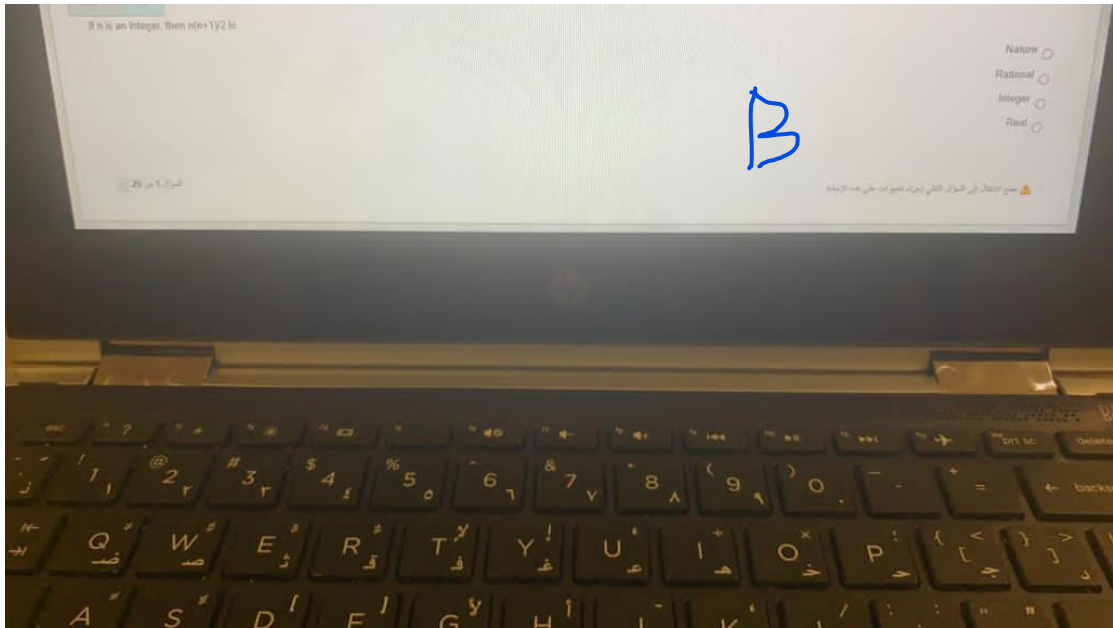
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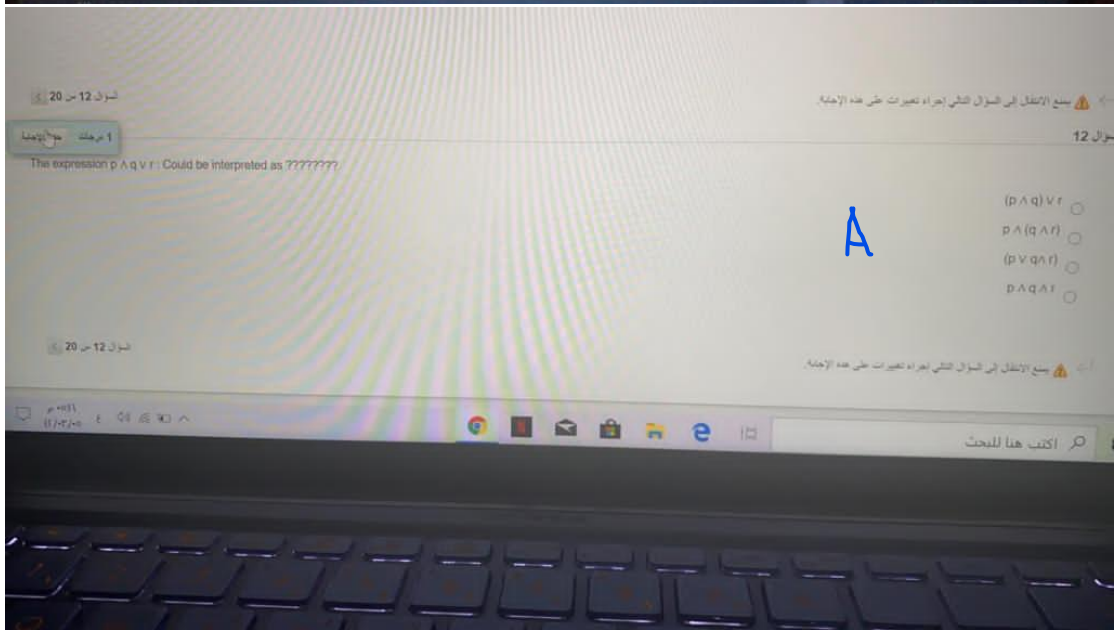
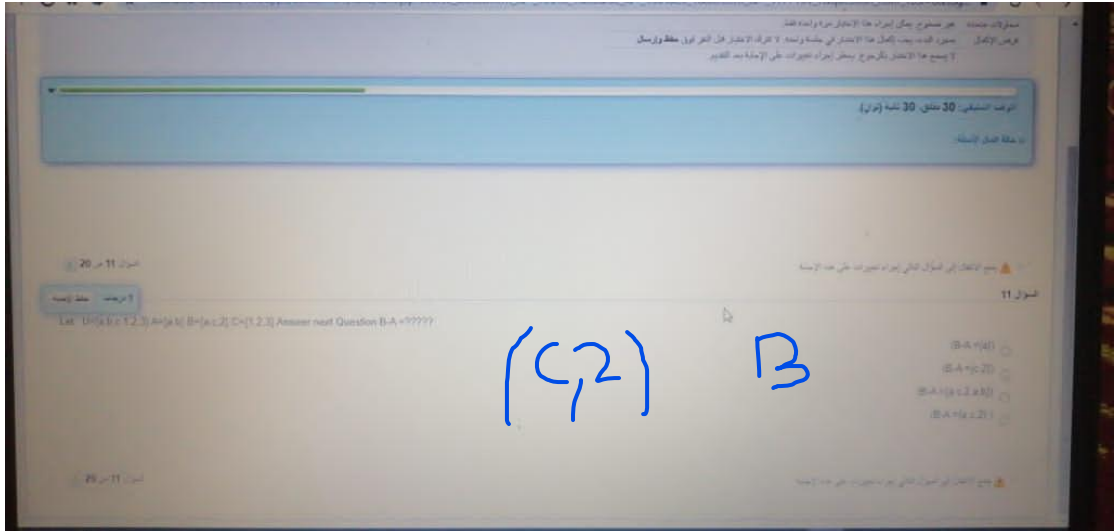
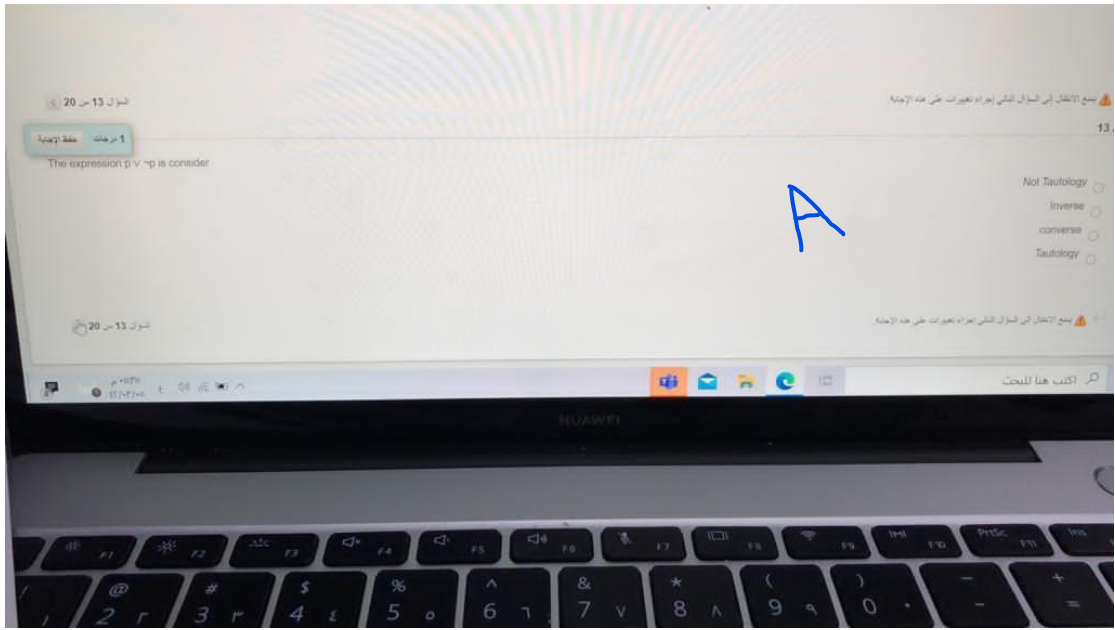
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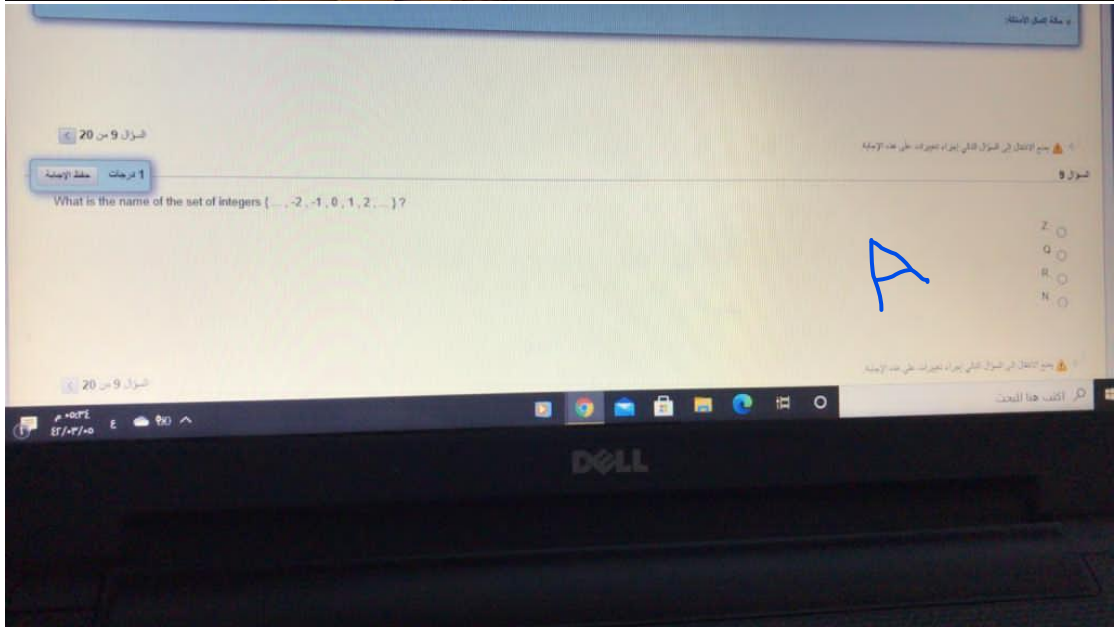
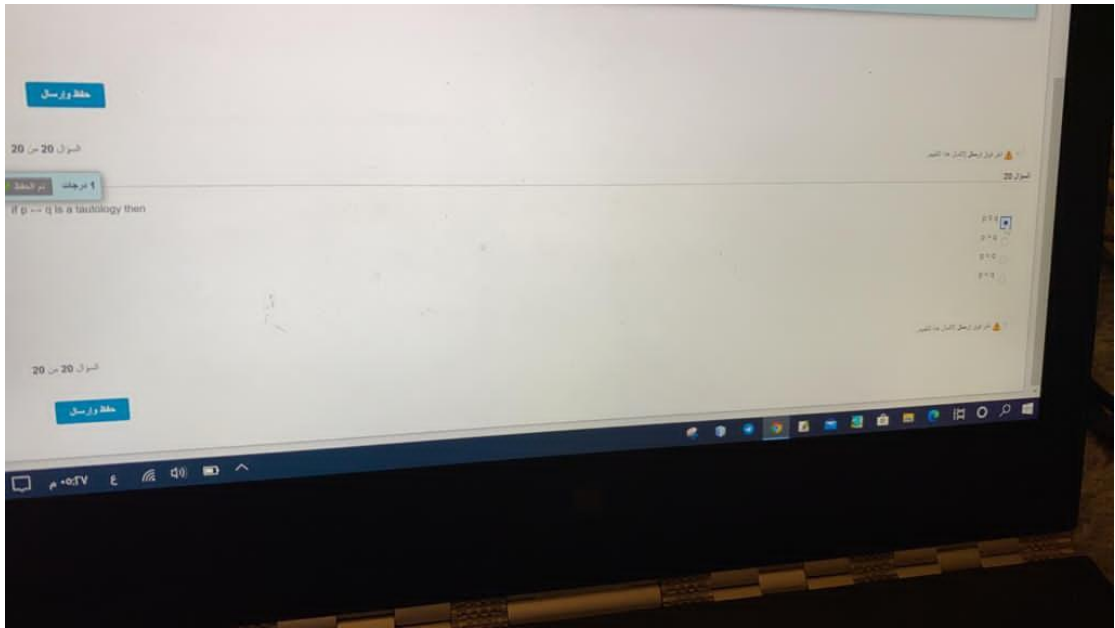
السؤال 4 من 20

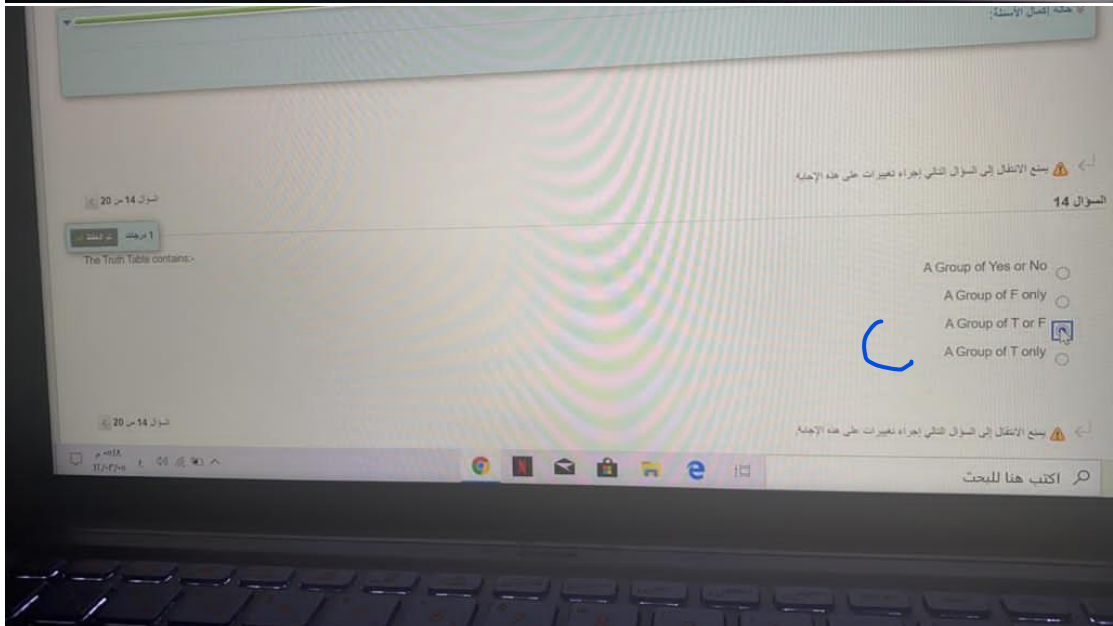
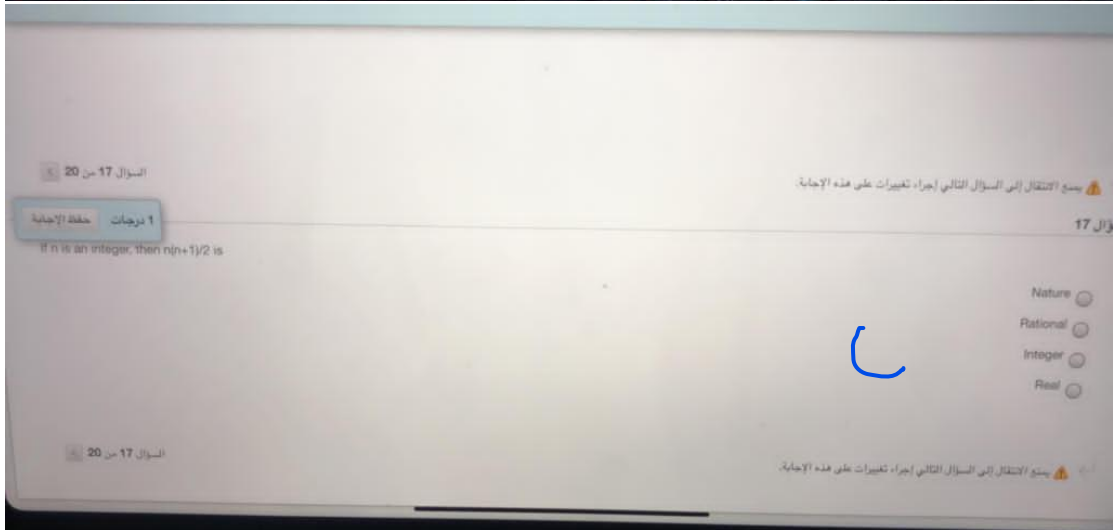
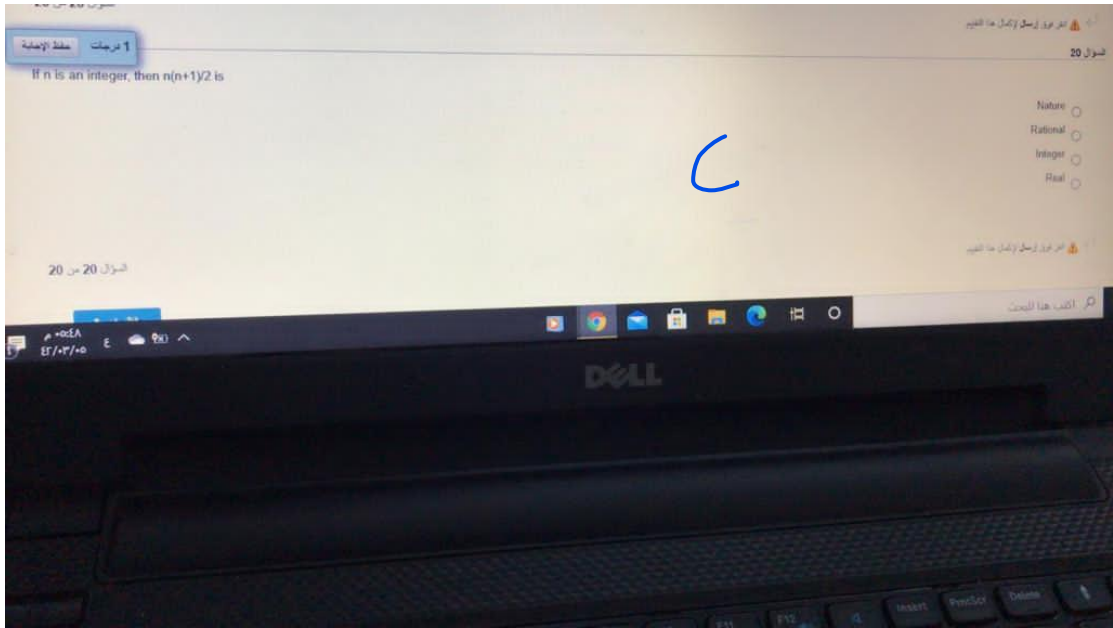


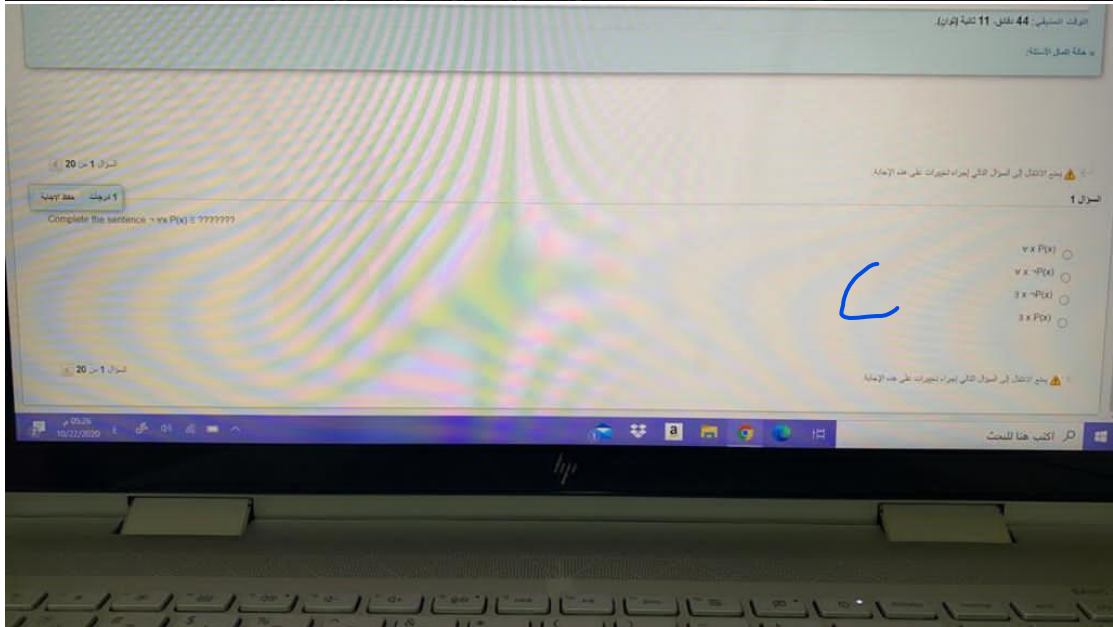
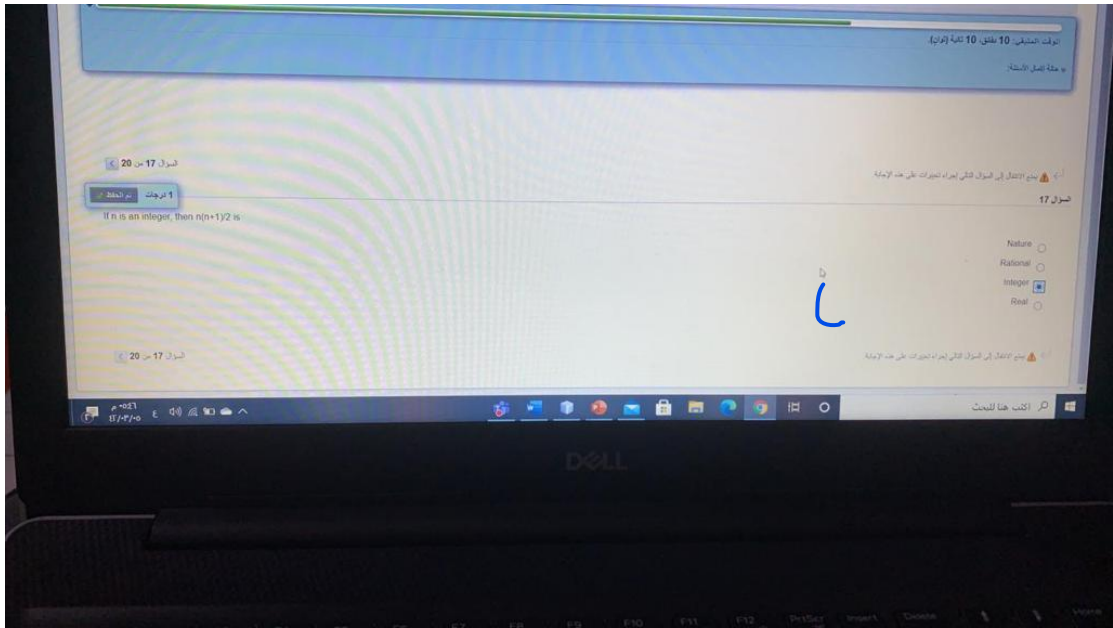


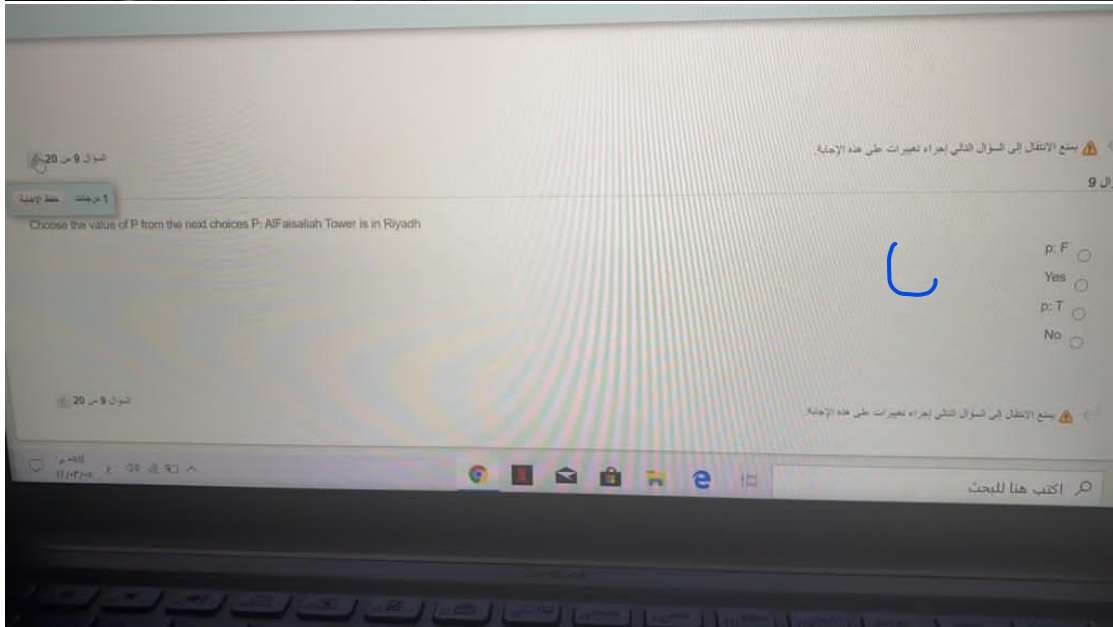
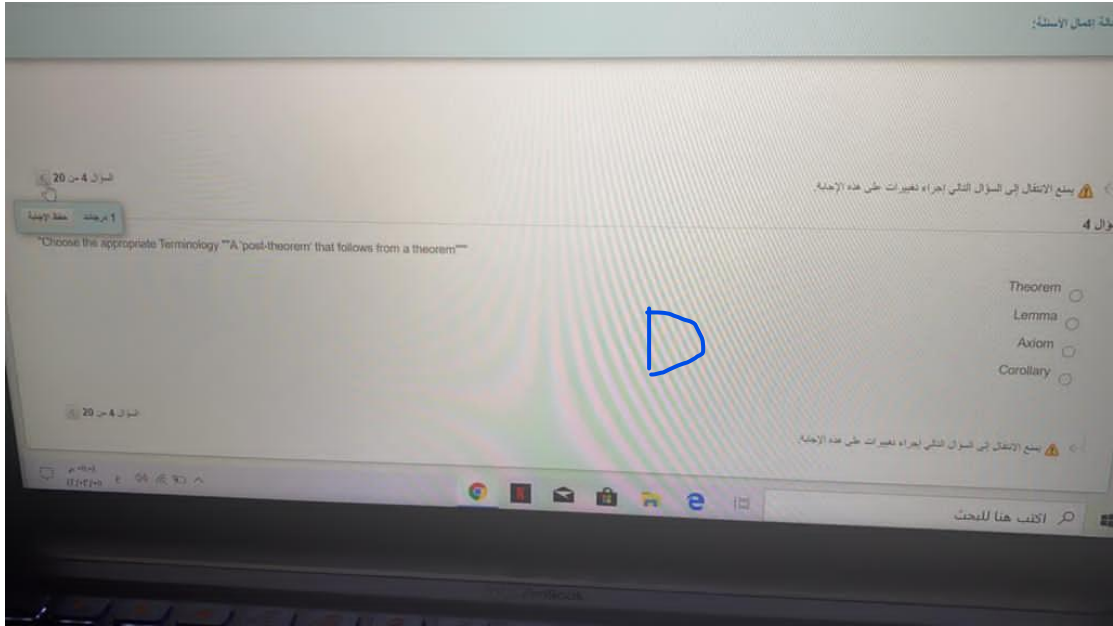


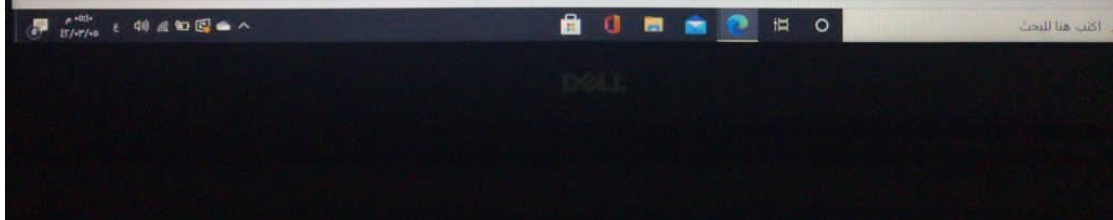
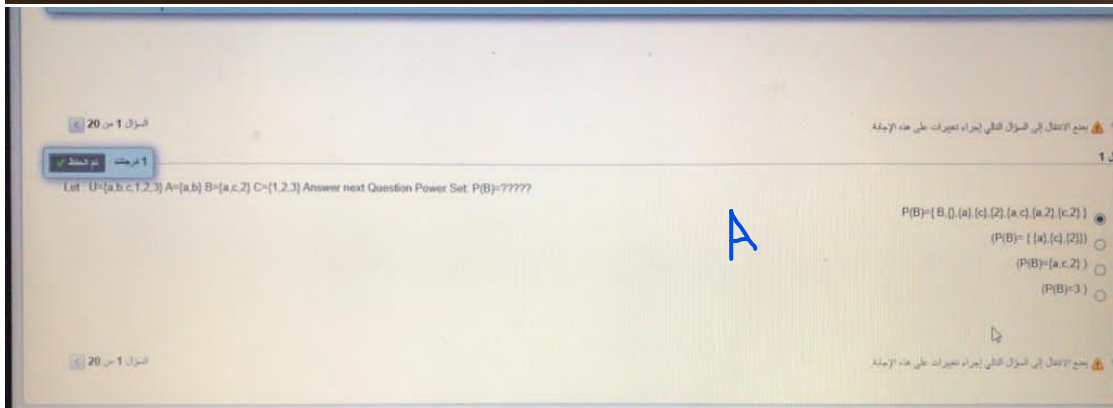
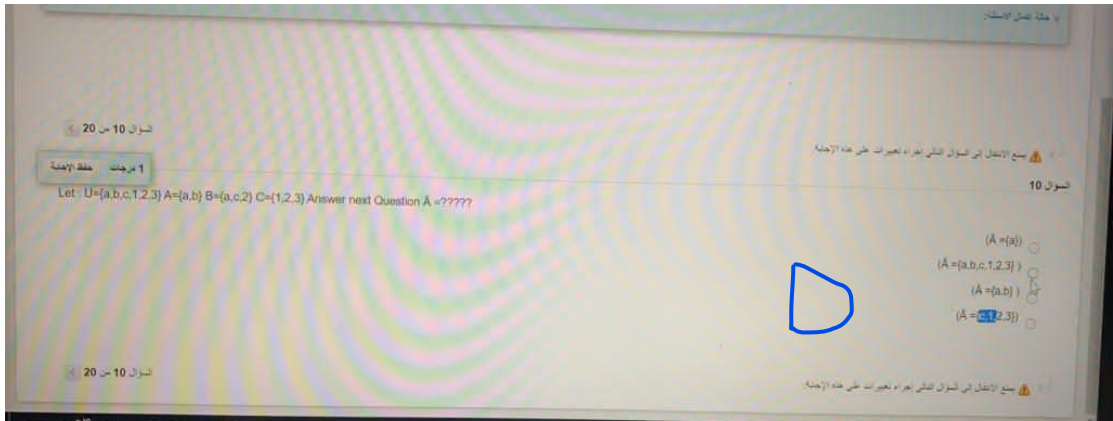












⚠ Moving to the next question prevents changes to this answer

Question 12

Let $U = \{a, b, c, 1, 2, 3\}$ $A = \{a, b\}$ $B = \{a, c, 2\}$ $C = \{1, 2, 3\}$ Answer next Question $|B| = ?$

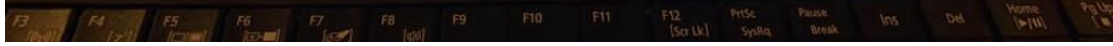
- $|B| = 3$
- $|B| = \{a, c, 2\}$
- $|B| = 2$
- $|B| = \{a, 1, 3\}$

A

Let : $U = \{a, b, c, 1, 2, 3\}$ $A = \{a, b\}$ $B = \{a, c, 2\}$ $C = \{1, 2, 3\}$ Answer next Question $A \cap B = \{ \}$?????

C

- A- $(A \cap B) = \{b, c, 2\}$
- A- $A \cap B = \{a, b, c, 2\}$
- $(A \cap B) = \{a\}$
- $A \cap B = \{a, b, a, c, 2\}$



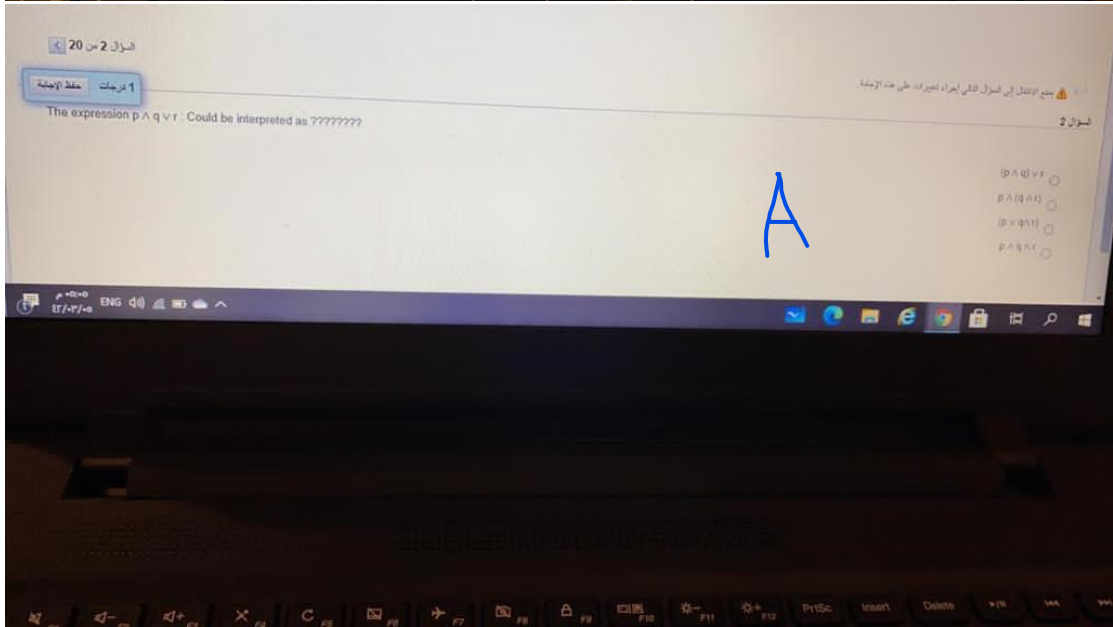
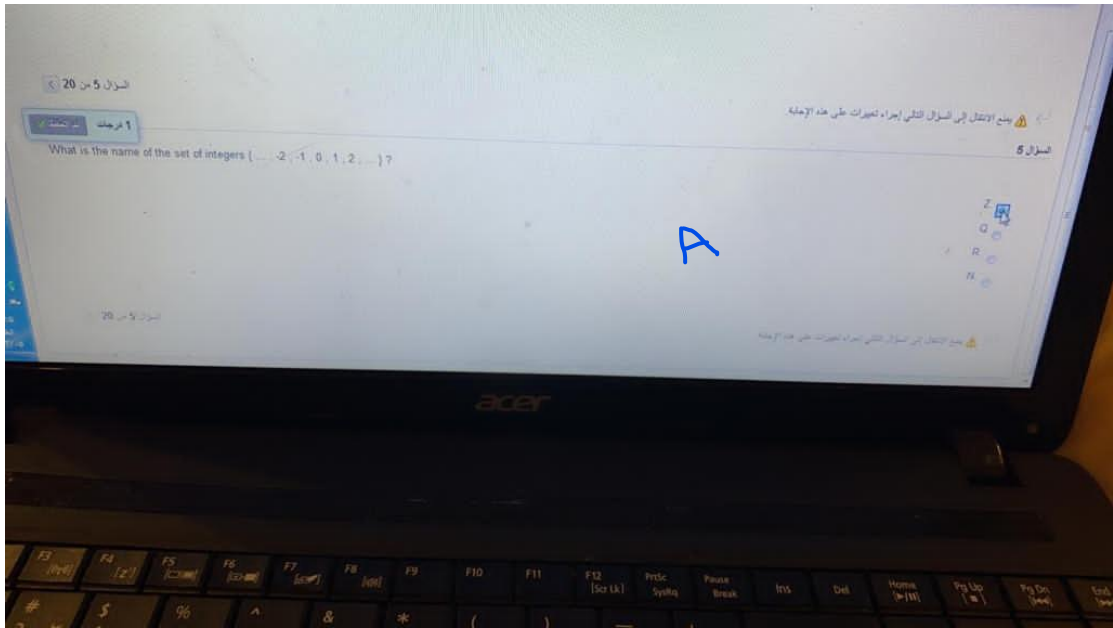
السؤال 14 من 20 <

1 درجات تم الحفظ

The Truth Table contains:-

T or F

السؤال 14 من 20 <



السؤال 18 من 20

1 تخرجت خطة الإجابة

The expression $p \wedge (q \vee r) \equiv ??????????$

السؤال 18 من 20

السؤال 18 من 20

- $(p \wedge q) \wedge (p \wedge r)$
- $(p \wedge q) \text{ NOT } (p \wedge r)$
- $(p \wedge q) \vee (p \wedge r)$
- $(p \wedge q) \oplus (p \wedge r)$

السؤال 6 من 20

1 تخرجت خطة الإجابة

Let: $U = \{a, b, c, 1, 2, 3\}$ $A = \{a, b\}$ $B = \{a, c, 2\}$ $C = \{1, 2, 3\}$ Answer next Question Power Set: $P(B) = ??????$

السؤال 6 من 20

السؤال 6 من 20

- $P(B) = \{B, \emptyset, \{a, c\}, \{2\}, \{a, c\}, \{a, 2\}, \{c, 2\}\}$
- $P(B) = \{\emptyset, \{a, c\}, \{2\}\}$
- $P(B) = \{a, c, 2\}$
- $P(B) = 3$

the expression $p \wedge q \vee r$:- Could be interpreted as ??????????

السؤال 8 من 20

1 تخرجت خطة الإجابة

السؤال 8 من 20

- $(p \wedge q) \vee r$
- $p \wedge (q \wedge r)$
- $(p \vee q) \wedge r$
- $p \wedge q \wedge r$

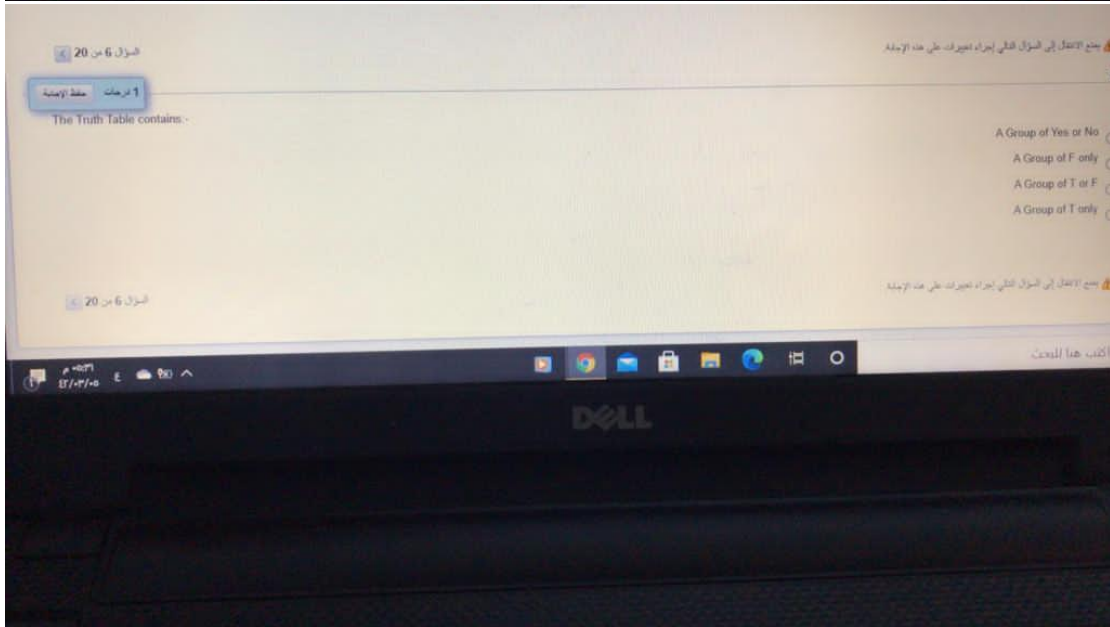
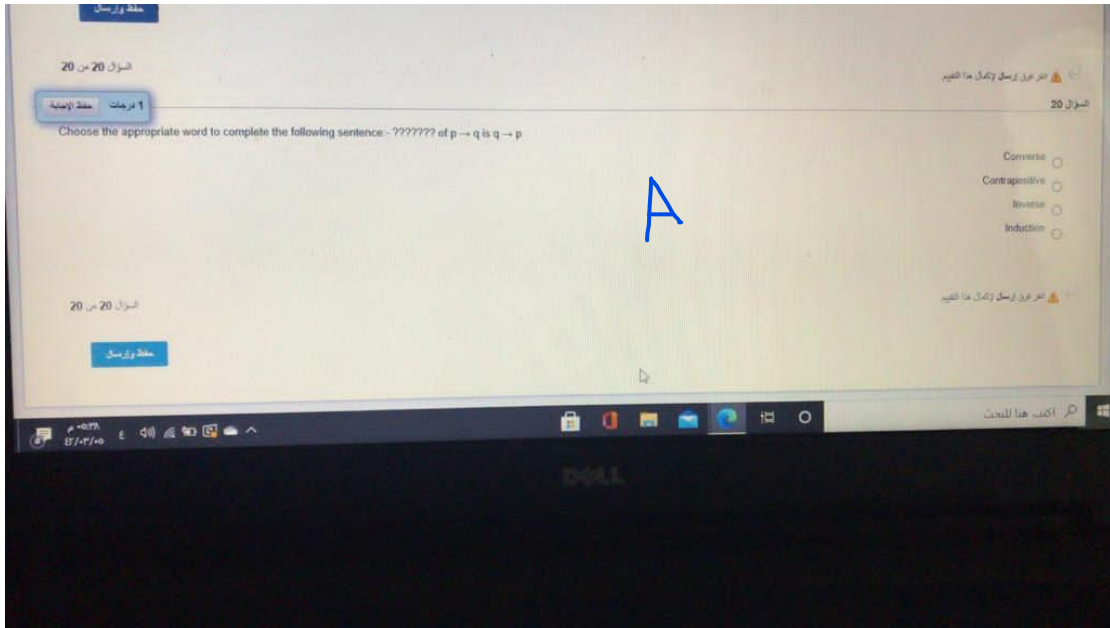
السؤال 8 من 20

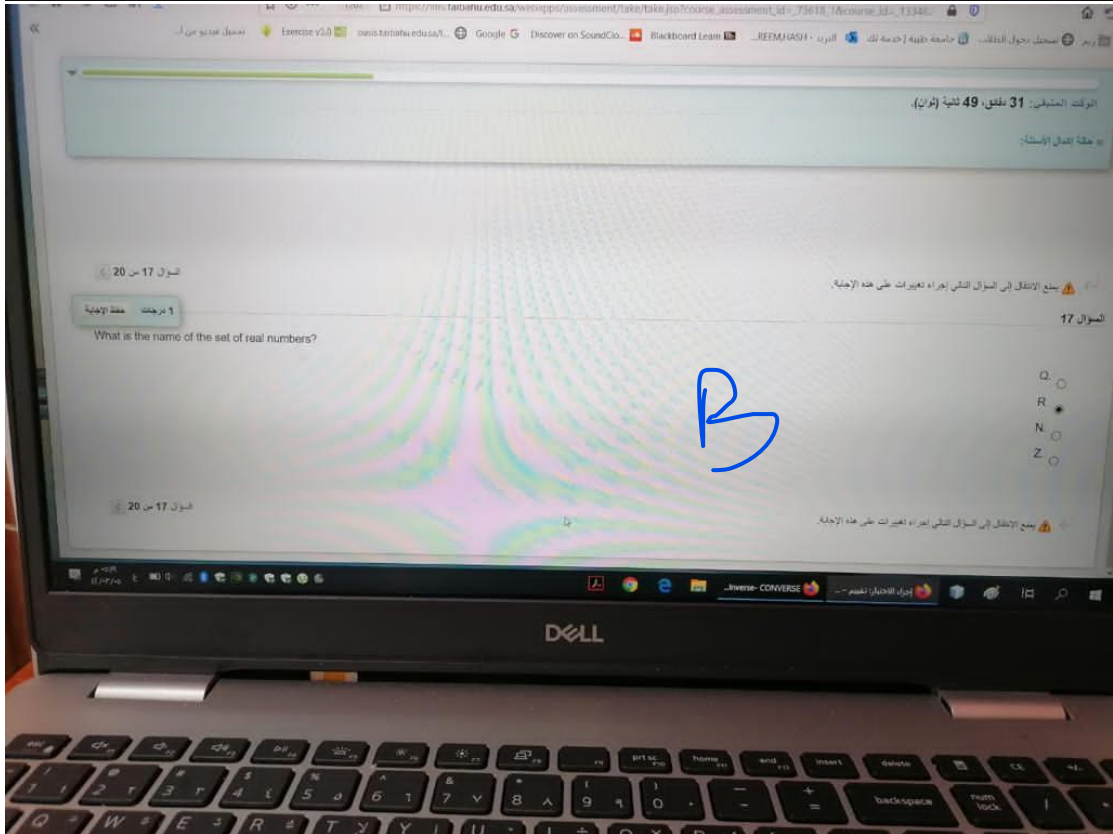
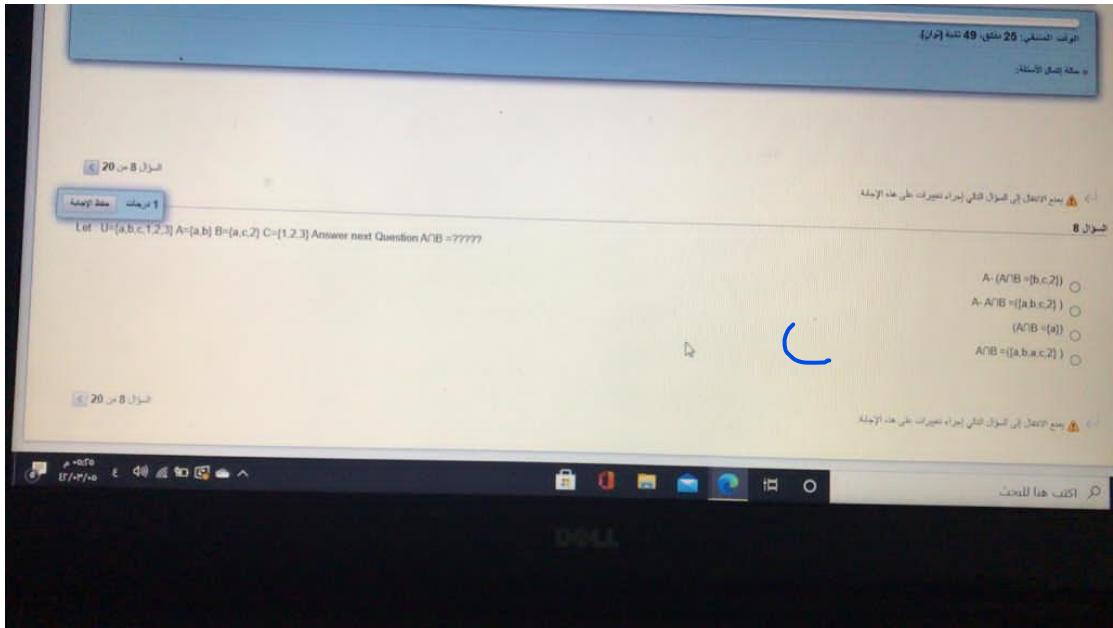
1 تخرجت خطة الإجابة

Let: $U = \{a, b, c, 1, 2, 3\}$ $A = \{a, b\}$ $B = \{a, c, 2\}$ $C = \{1, 2, 3\}$ Answer next Question $A \cup B = ??????$

السؤال 8 من 20

- $\{a, b, c, 1, 2, 3\}$
- $\{a, b, c\}$
- $\{a, b, c, 2\}$
- $\{a, b, c, 1, 2, 3\}$





السؤال 11 من 20

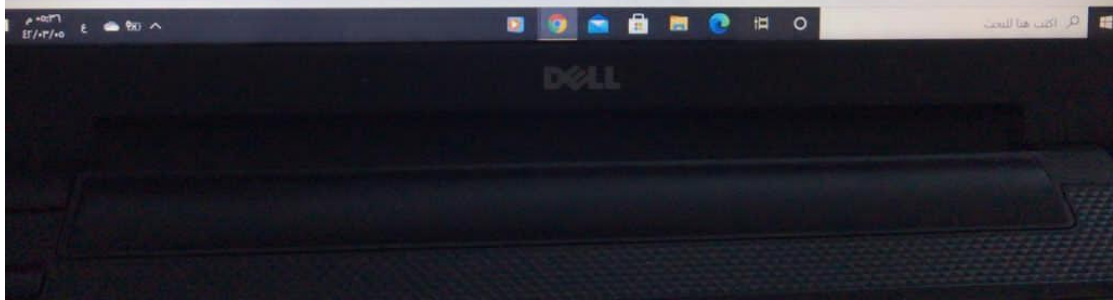
1 برصت مقل الإجابة

Choose the appropriate word to complete the following sentence: ??????? of $p \rightarrow q$ is $q \rightarrow p$

السؤال 11 من 20

Converse
Contrapositive
Inverse
Induction

A



السؤال 11 من 20

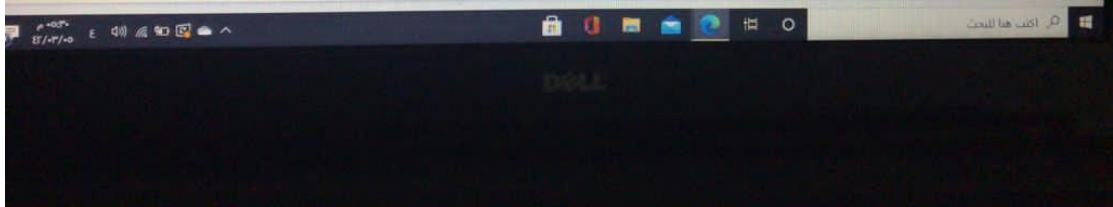
1 برصت مقل الإجابة

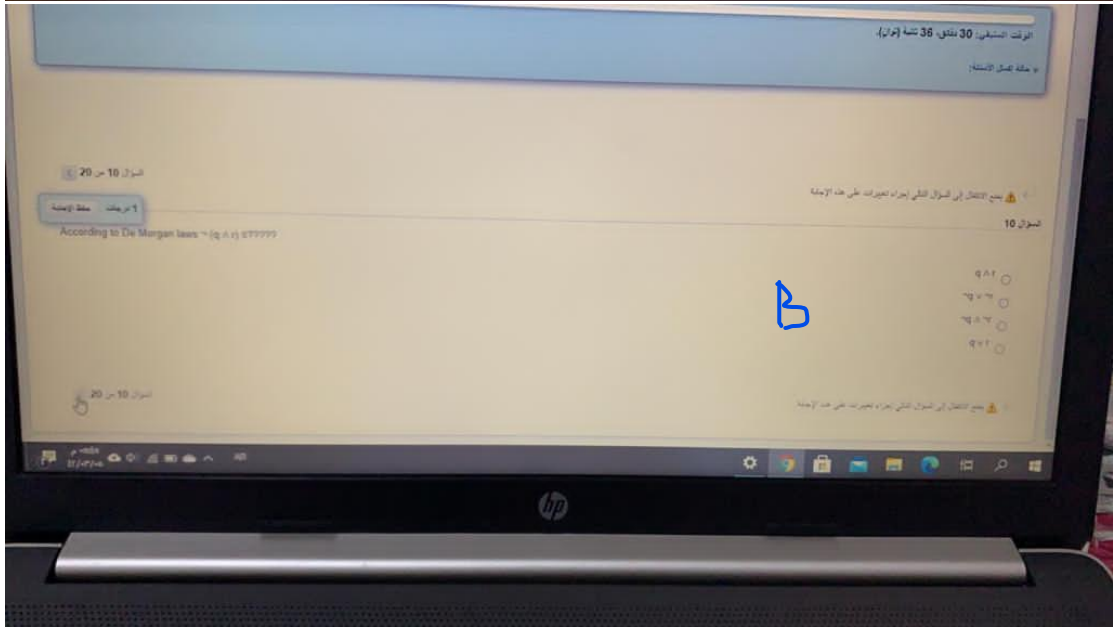
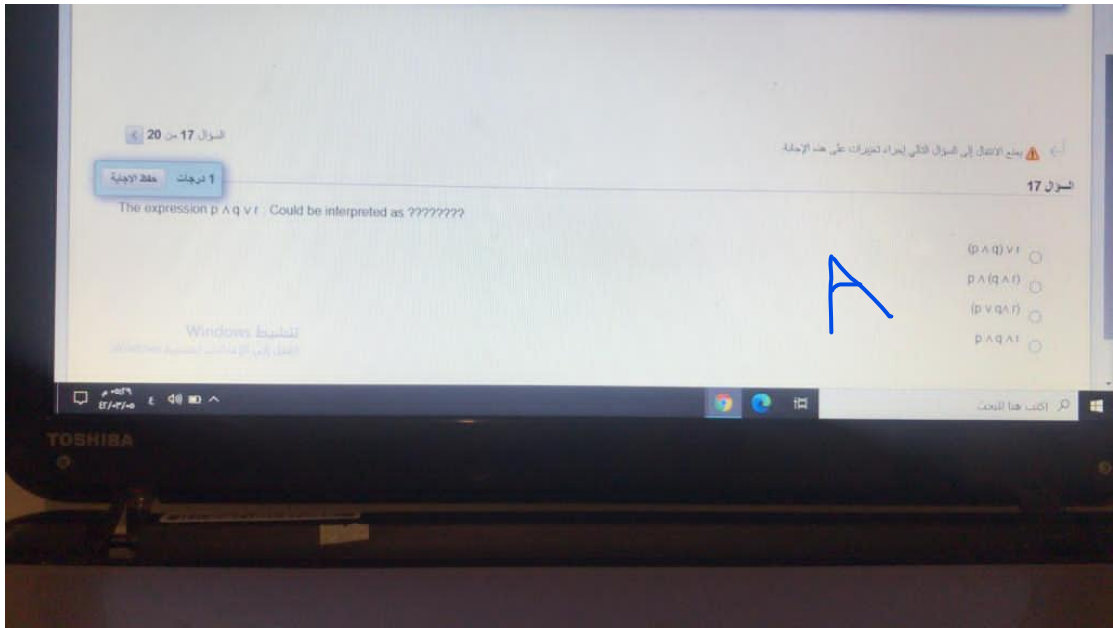
If n is an integer, then $n(n+1)2$ is

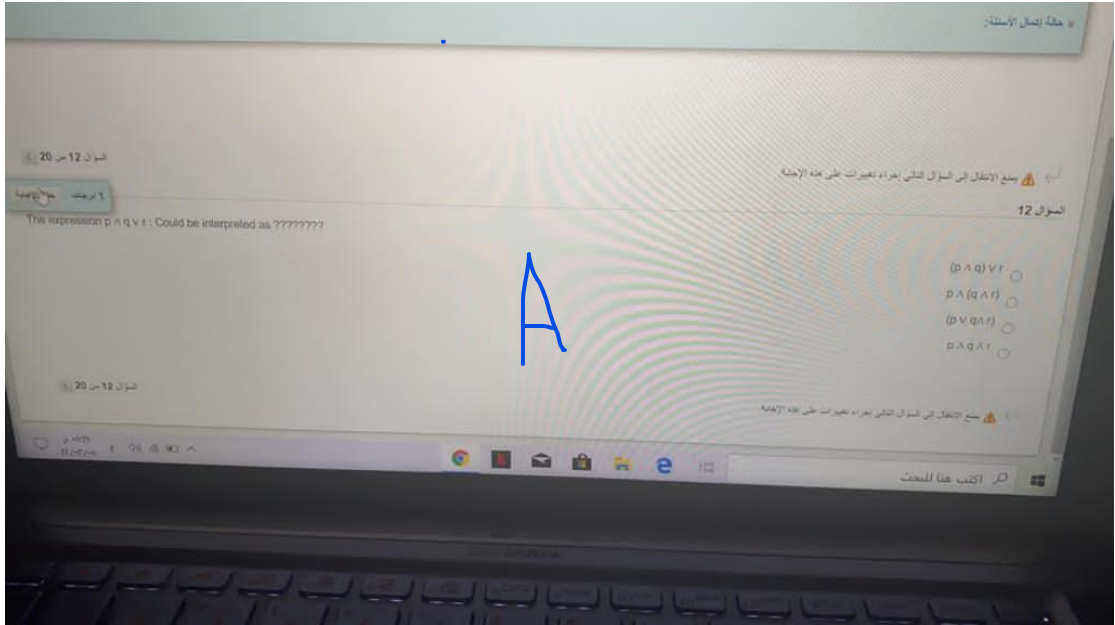
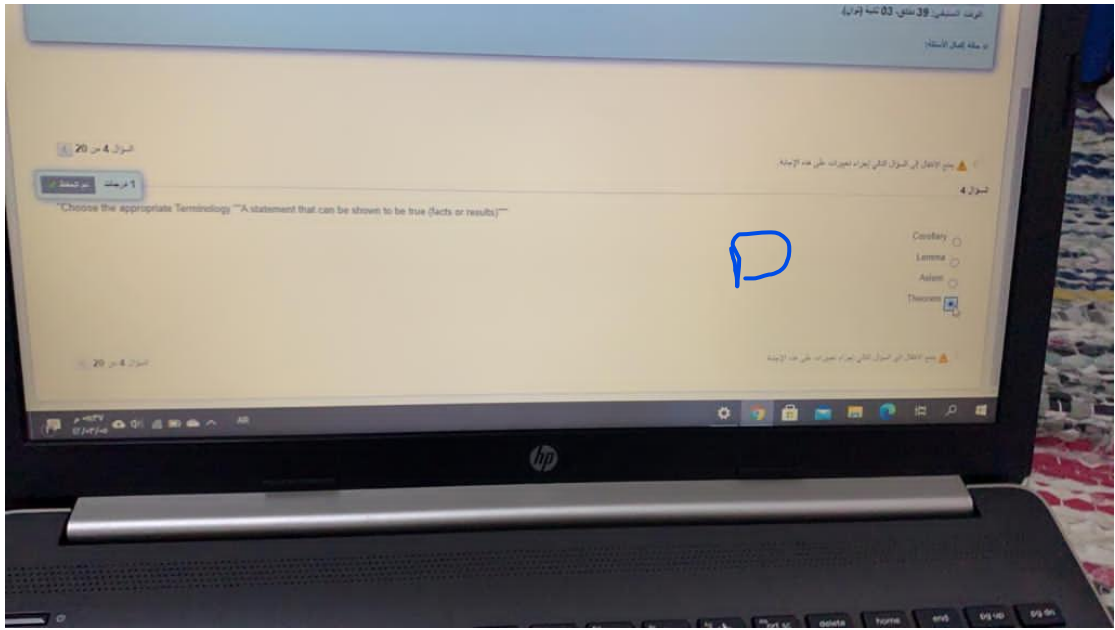
السؤال 11 من 20

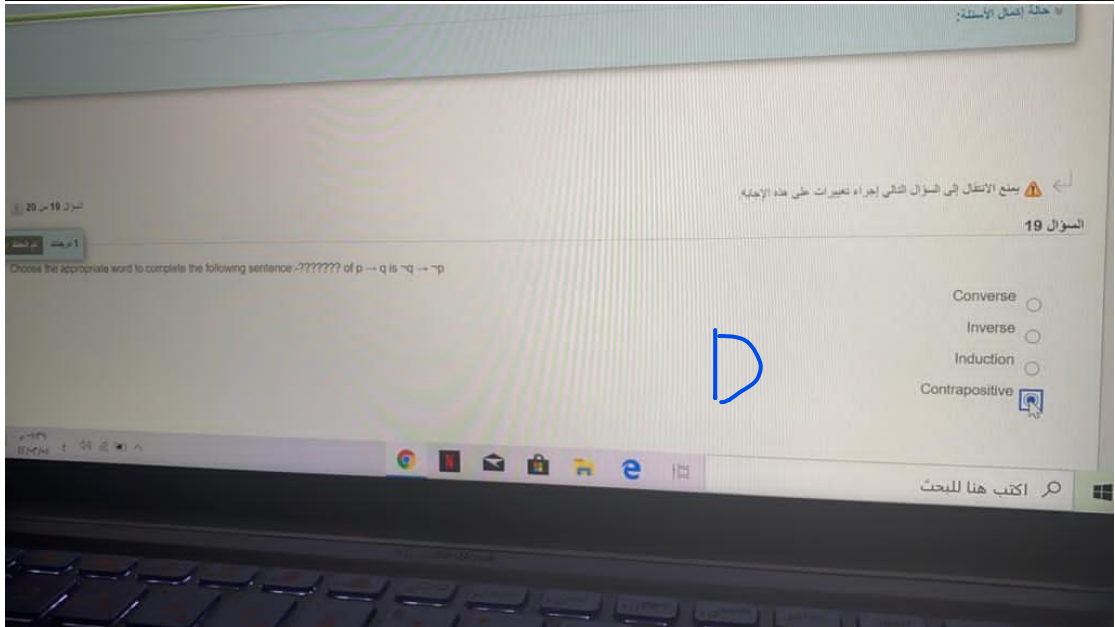
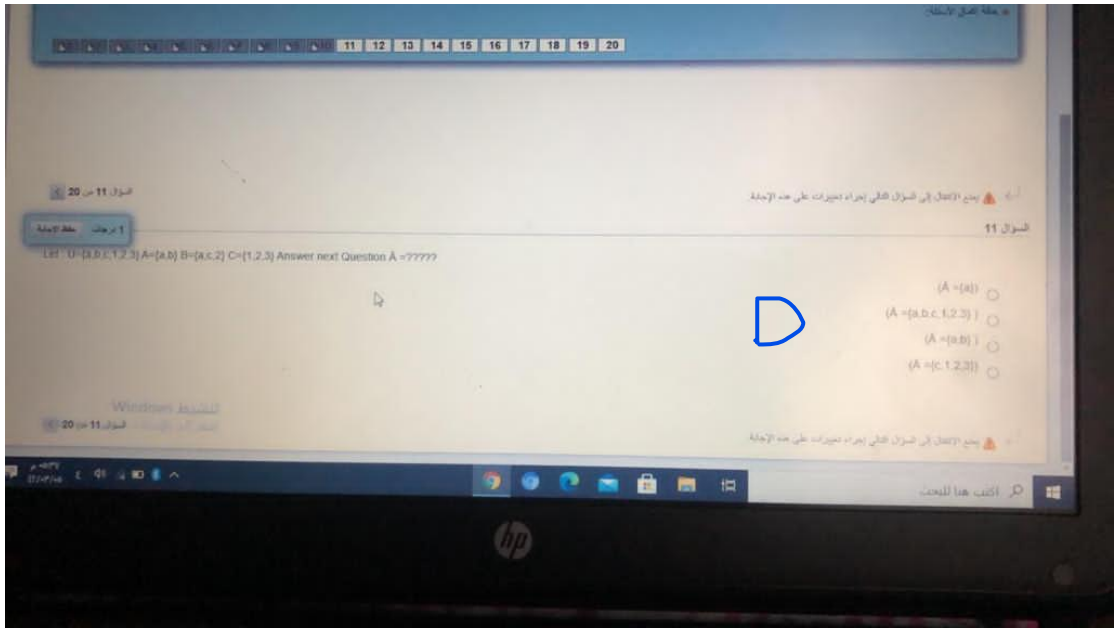
Nature
Rational
Integer
Real

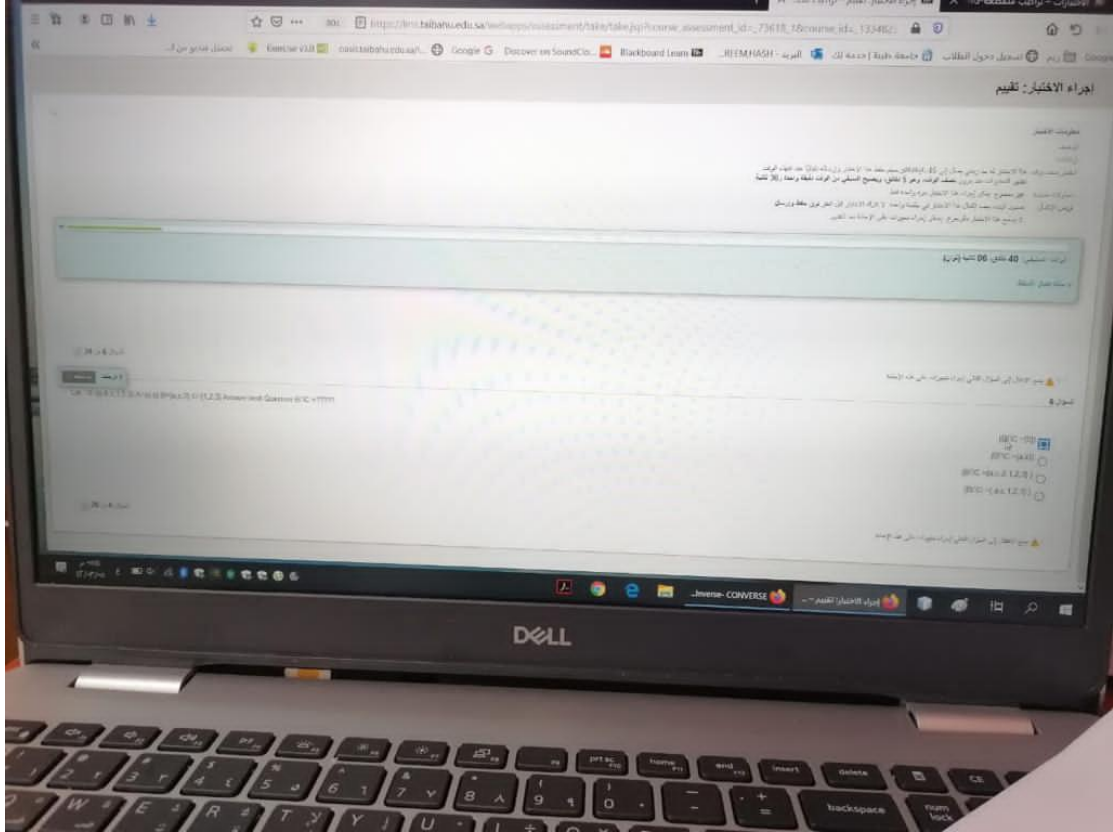
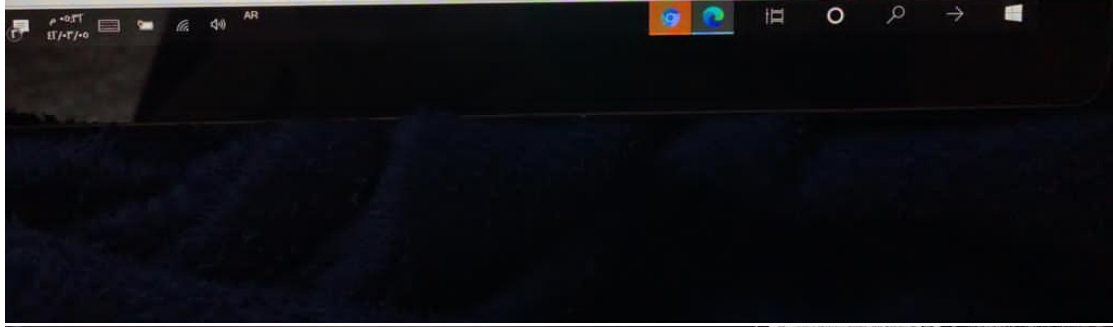
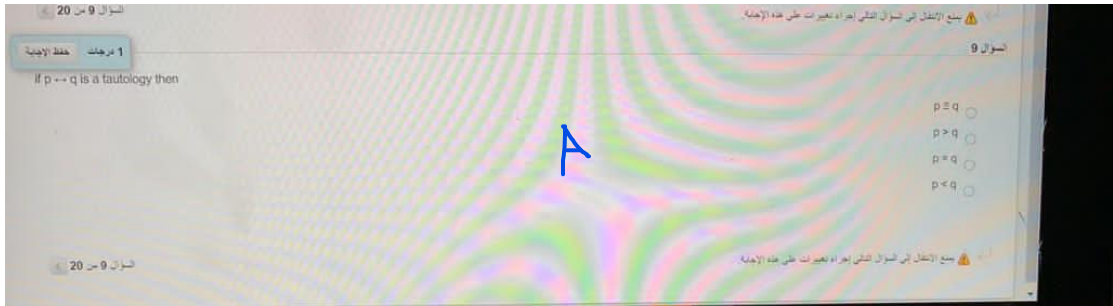
C

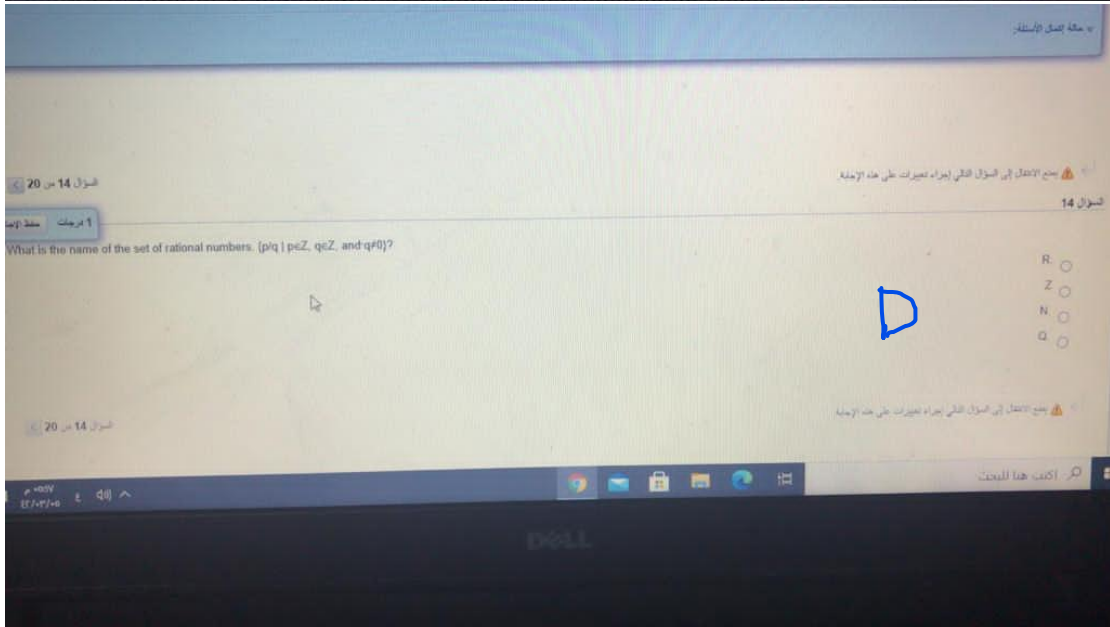
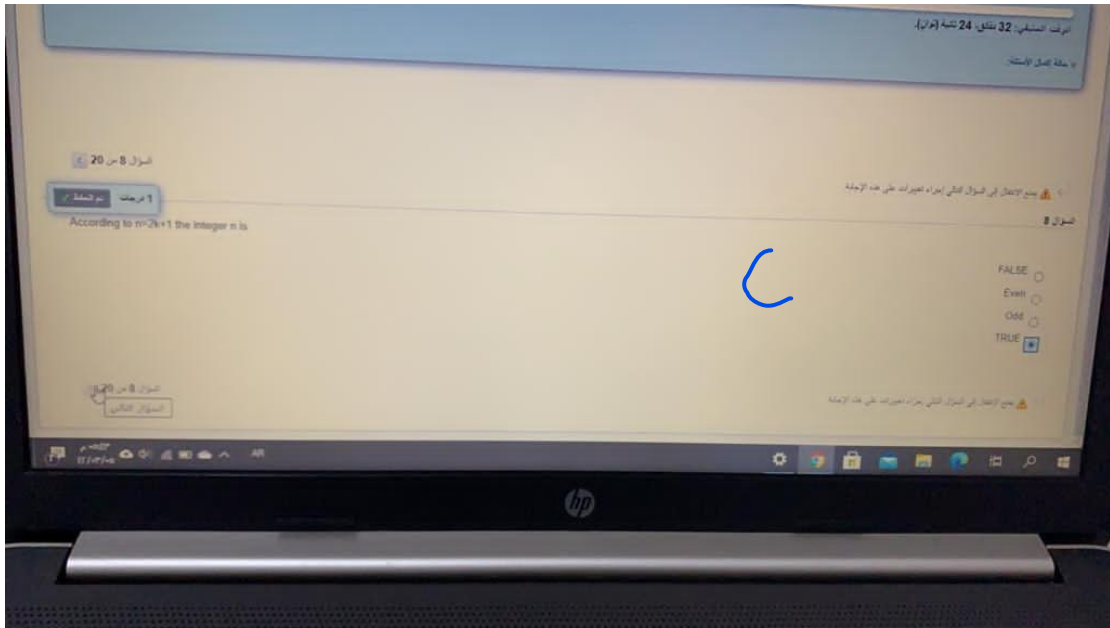


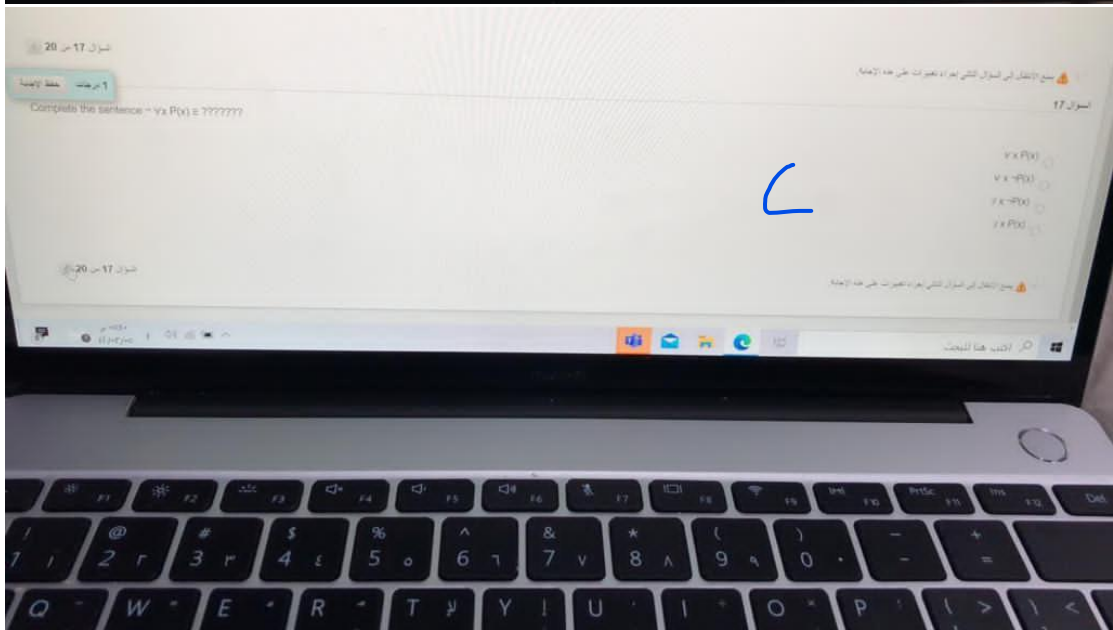
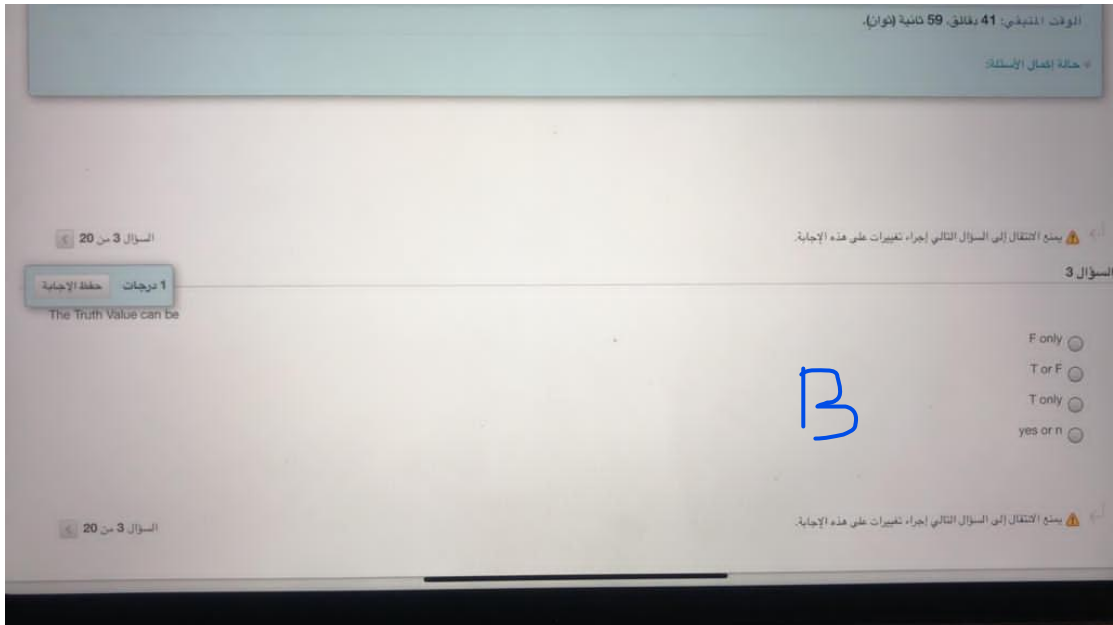












السؤال 19 من 20

1 ارجاء خط الإجابة

Let : $U = \{a, b, c, 1, 2, 3\}$ $A = \{a, b\}$ $B = \{a, c\}$ $C = \{1, 2, 3\}$ Answer next Question $B \cap C = \{ \}$?????

(BNC = {2})

(BNC = {a,c})

(BNC = {a,c,2,1,2,3})

(BNC = {a,c,1,2,3})

A

السؤال 19 من 20

Question 10

The expression $p \wedge (q \vee r) \equiv \text{????????}$

$(p \wedge q) \wedge (p \wedge r)$

$(p \wedge q) \text{ NOT } (p \wedge r)$

$(p \wedge q) \vee (p \wedge r)$

$(p \wedge q) \oplus (p \wedge r)$

C

السؤال 14 من 20

1 ارجاء خط الإجابة

The expression $p \wedge q \vee r$: Could be interpreted as ??????????

(p & q) ∨ r

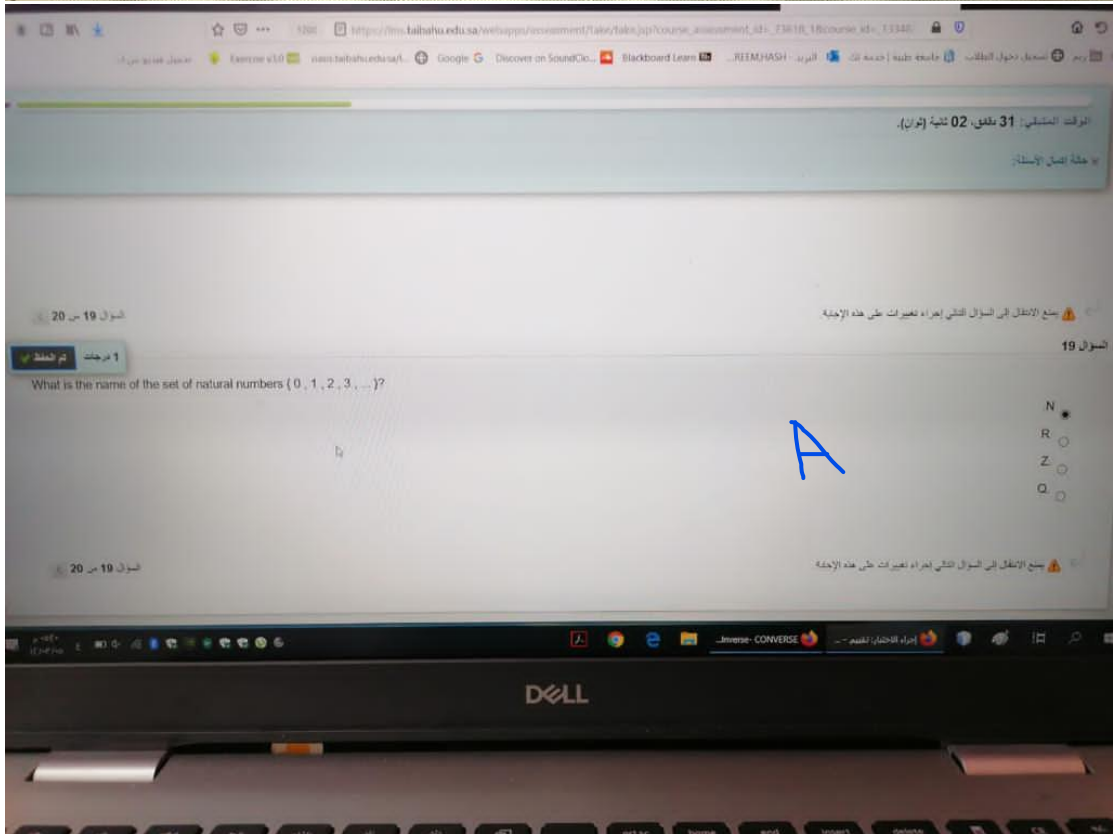
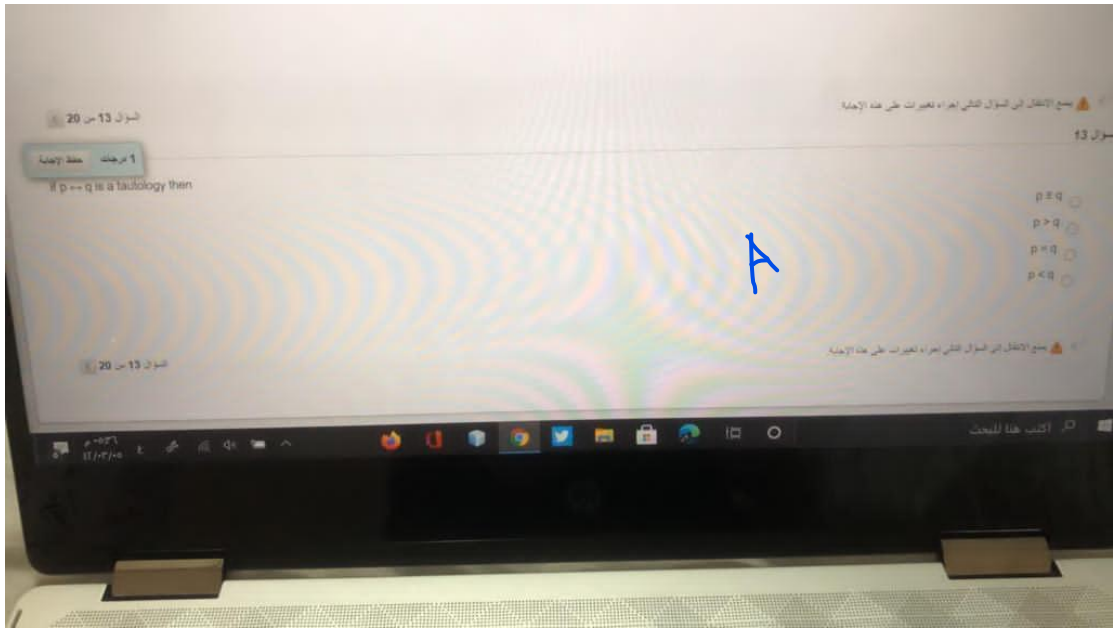
p & (q & r)

(p ∨ q) & r

p & q & r

A

السؤال 14 من 20



سؤال 4 من 20

1 إجابة

Let $U = \{a, b, c, 1, 2, 3\}$, $A = \{a, b\}$, $B = \{a, c, 2\}$, $C = \{1, 2, 3\}$. Answer next Question $B \cdot A = ?$

(c, 2)

- $(B \cdot A) = \{a\}$
- $(B \cdot A) = \{c, 2\}$
- $(B \cdot A) = \{a, c, 2, a, b\}$
- $(B \cdot A) = \{a, c, 2\}$

سؤال 4 من 20

11/11/2023

11/11/2023

11/11/2023

11/11/2023

11/11/2023

11/11/2023

11/11/2023

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11/11/2023

11/11/2023

اكتب هنا الجواب

سؤال 4 من 20

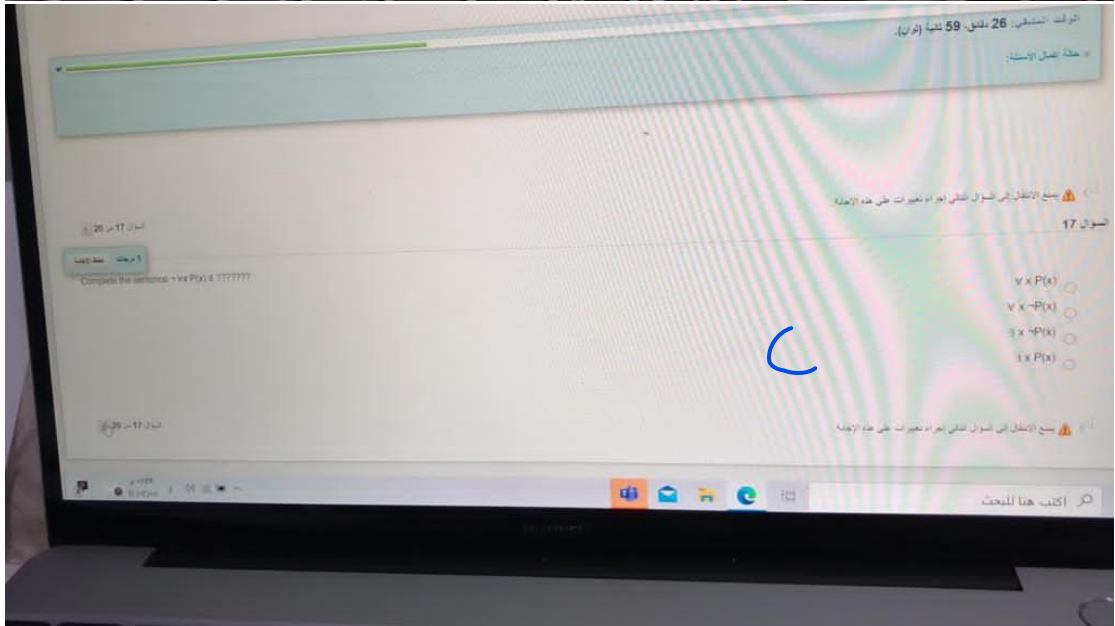
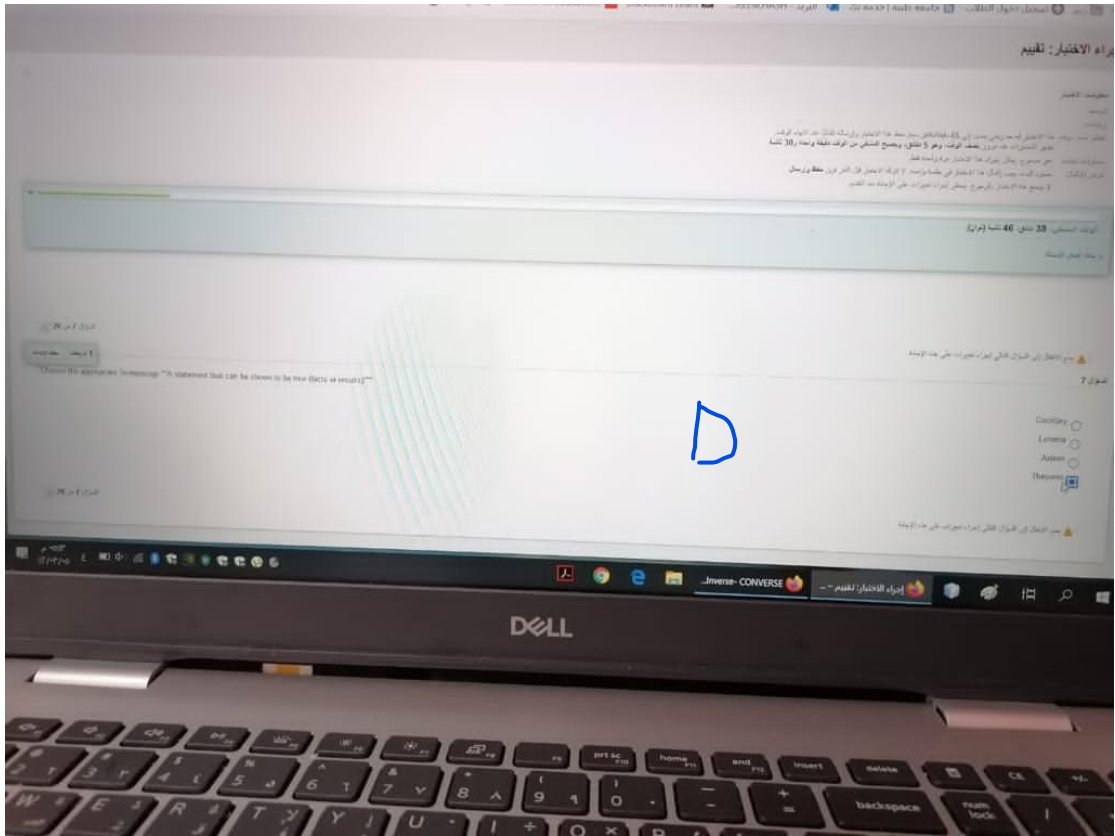
1 إجابة

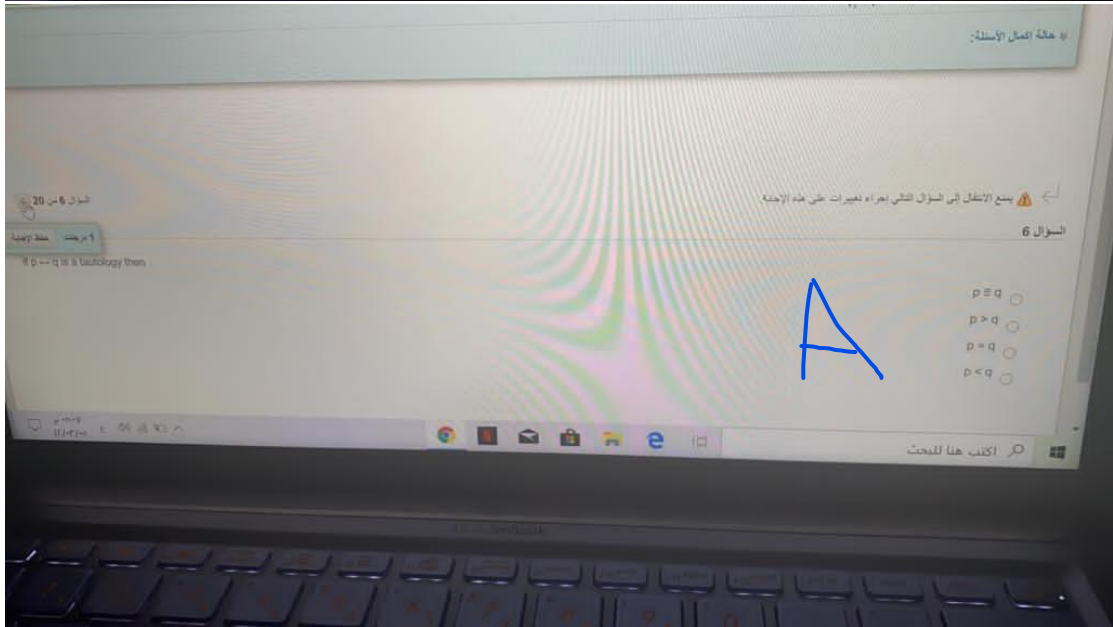
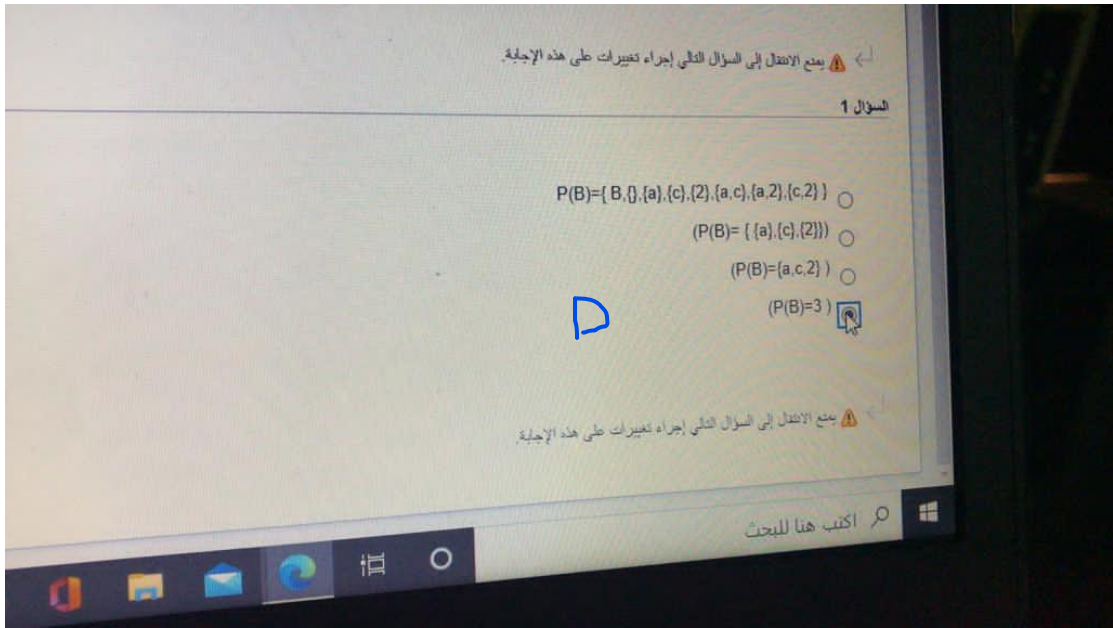
سؤال 4 من 20

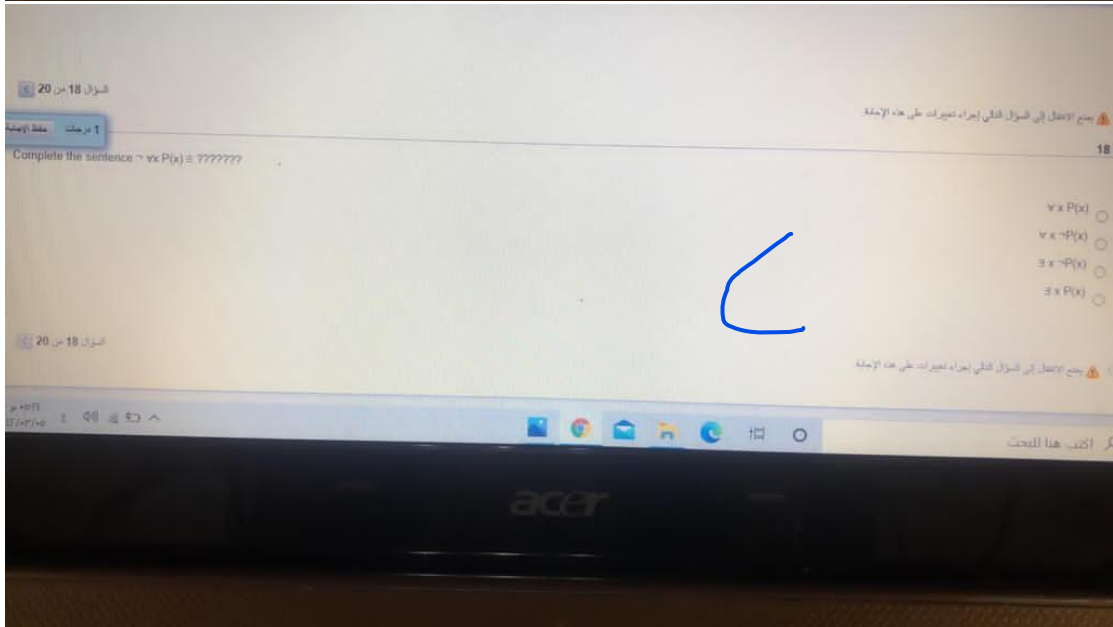
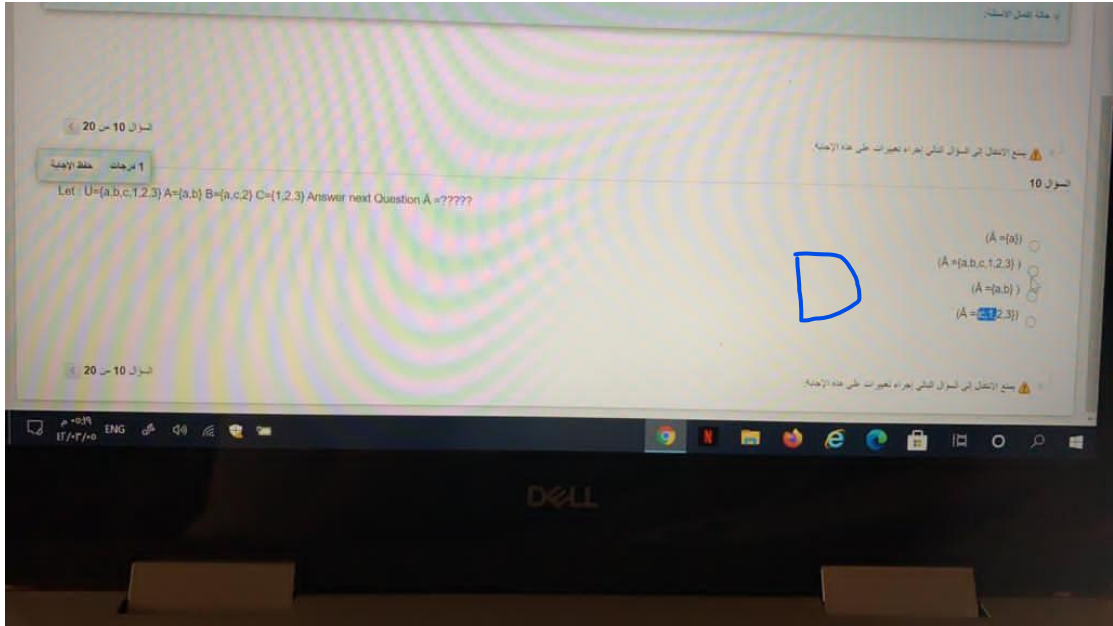
- $(B \cdot A) = \{a\}$
- $(B \cdot A) = \{c, 2\}$
- $(B \cdot A) = \{a, c, 2, a, b\}$
- $(B \cdot A) = \{a, c, 2\}$

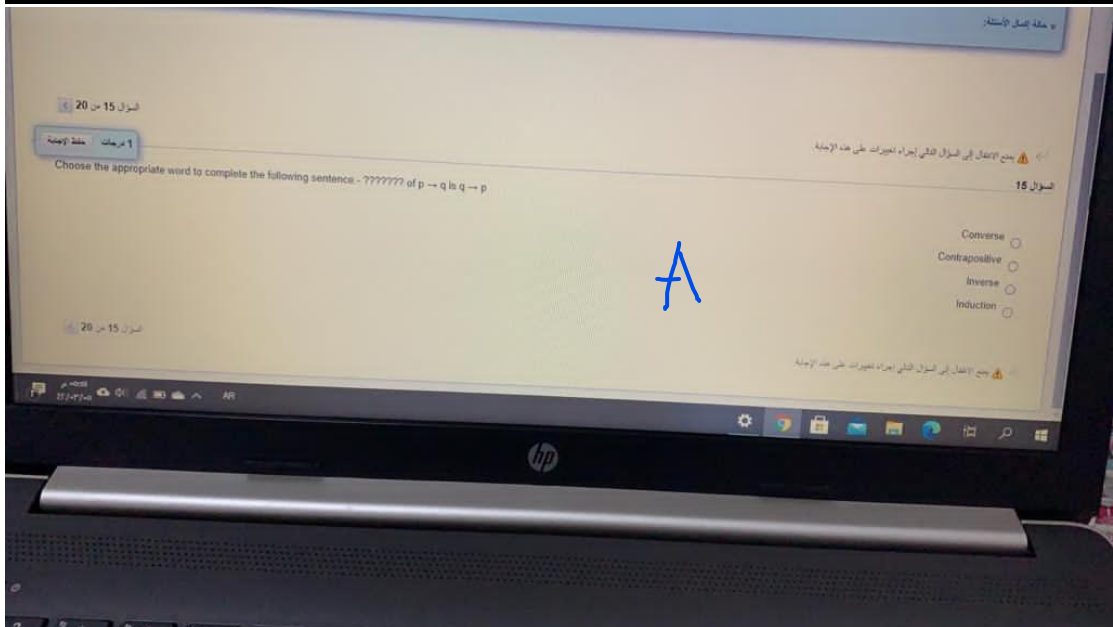
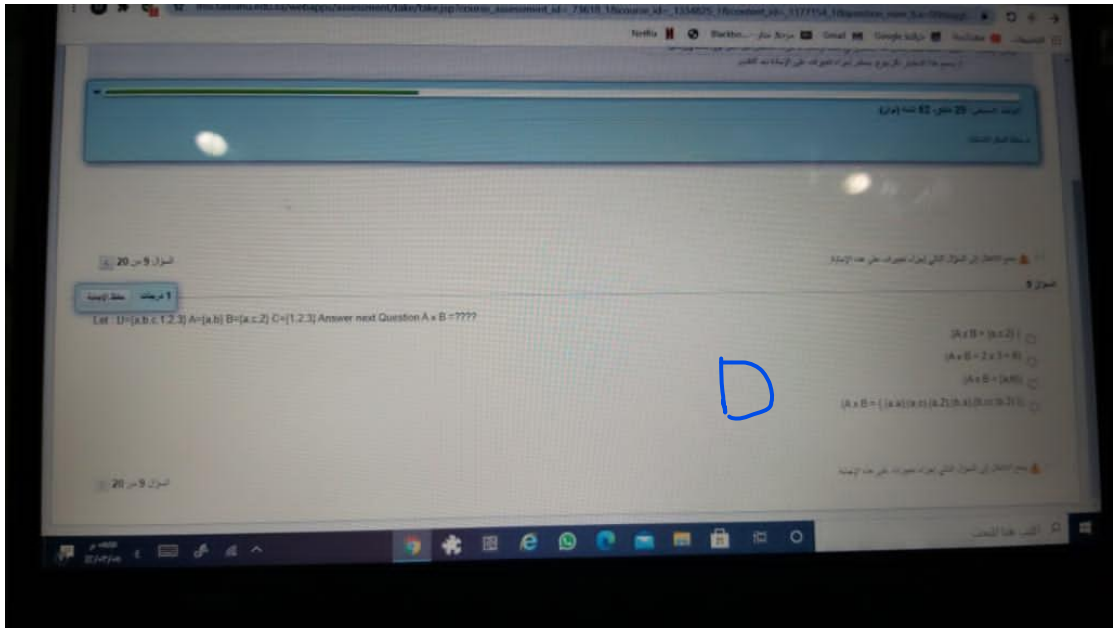
سؤال 4 من 20

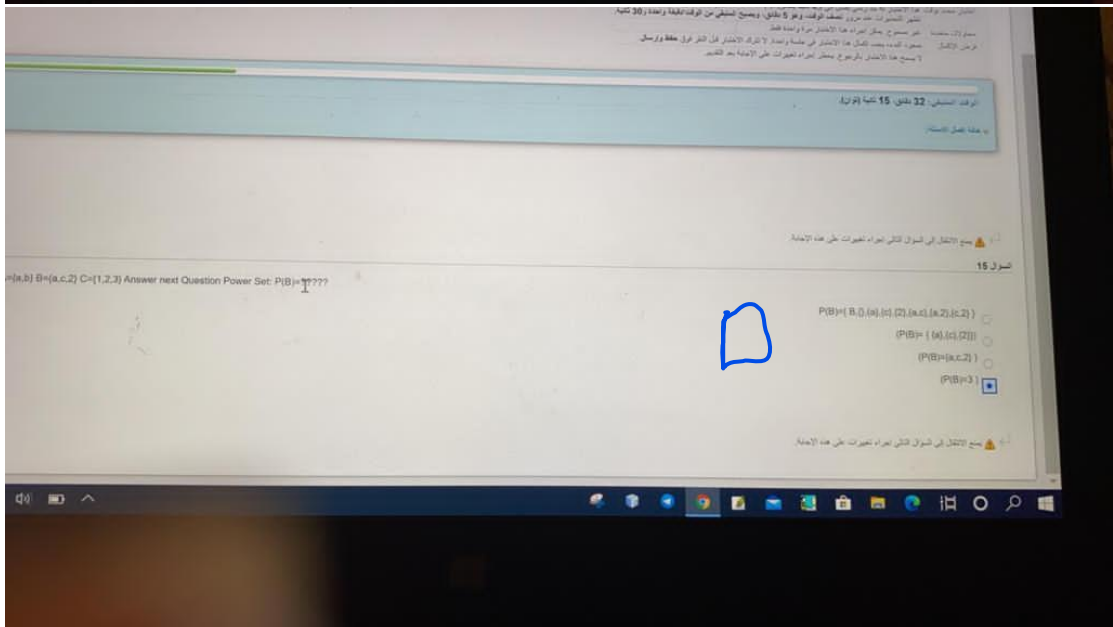
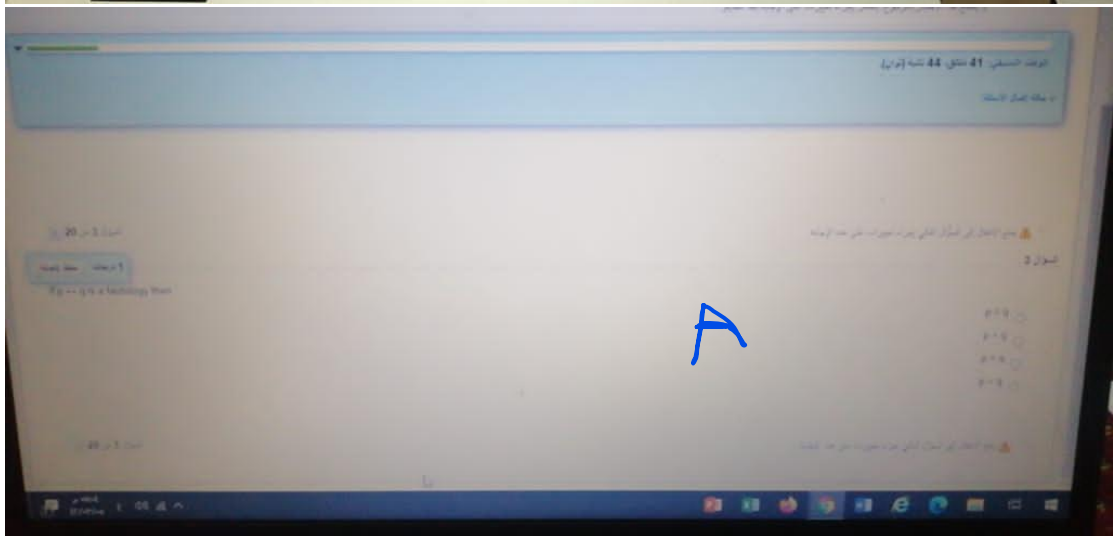
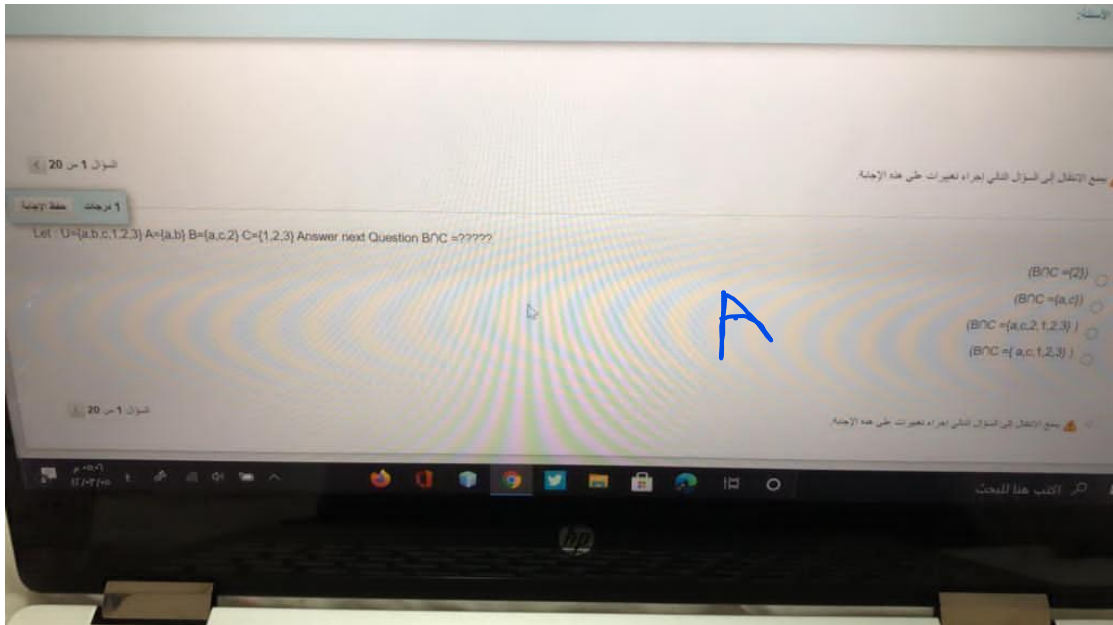
اكتب هنا الجواب

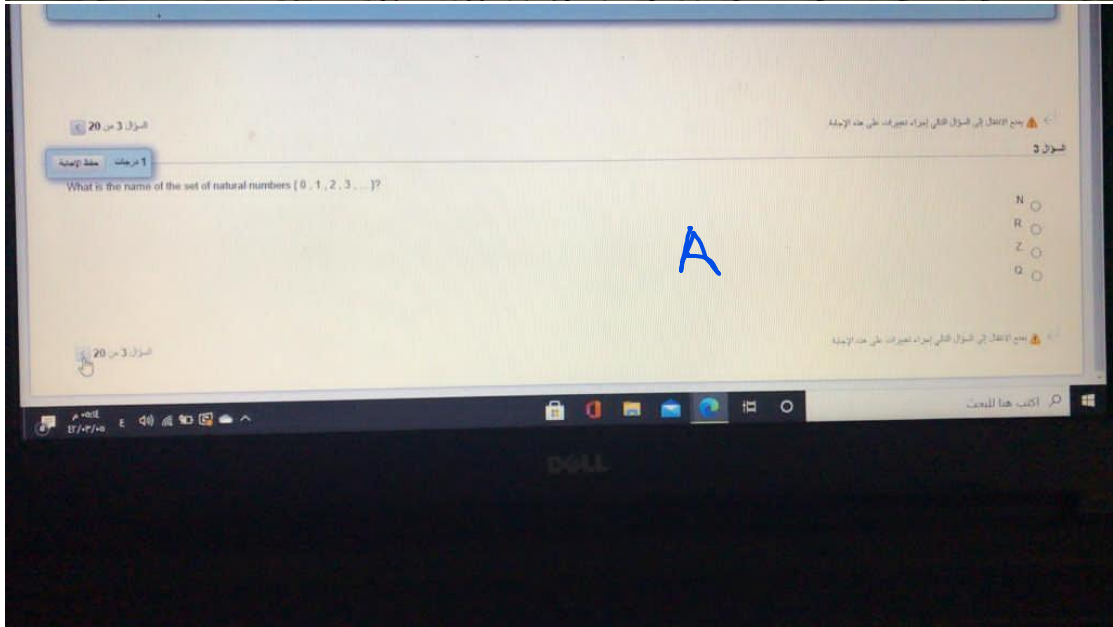
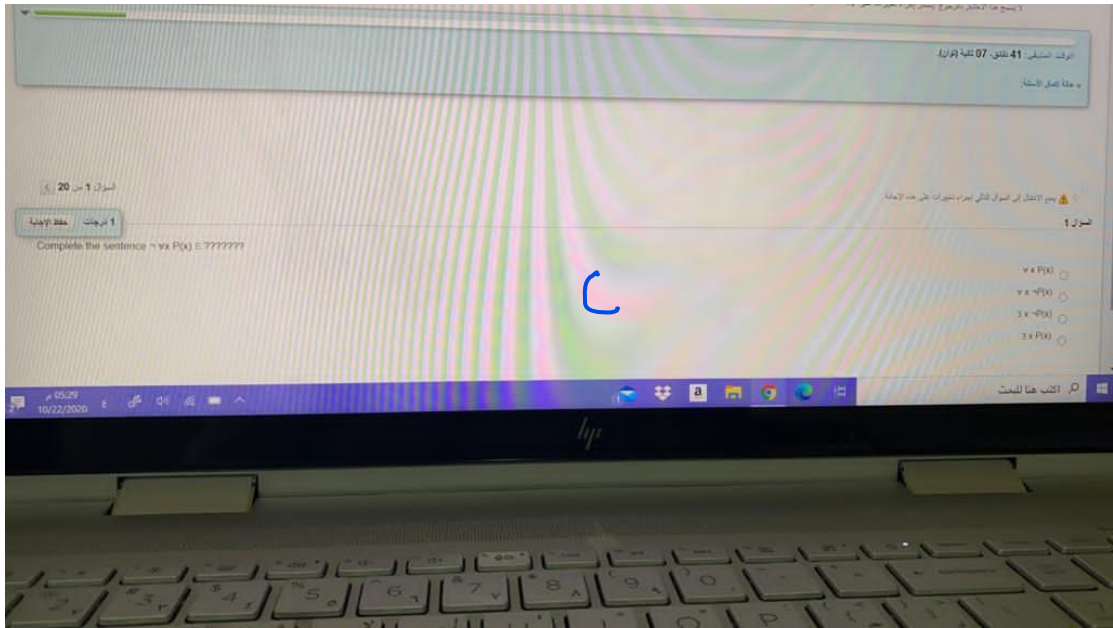


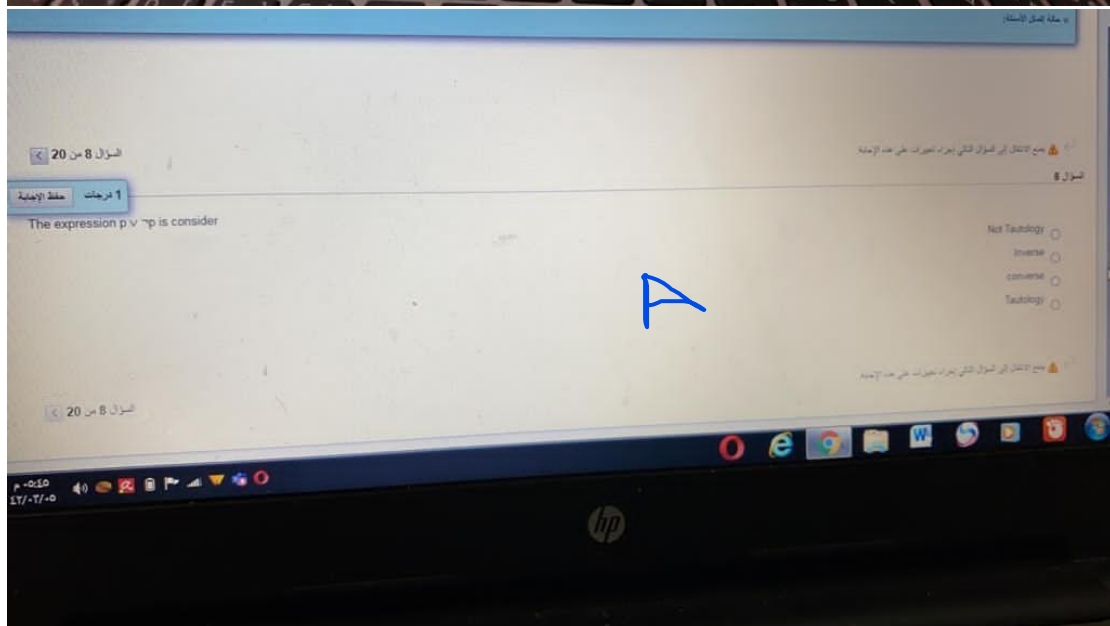
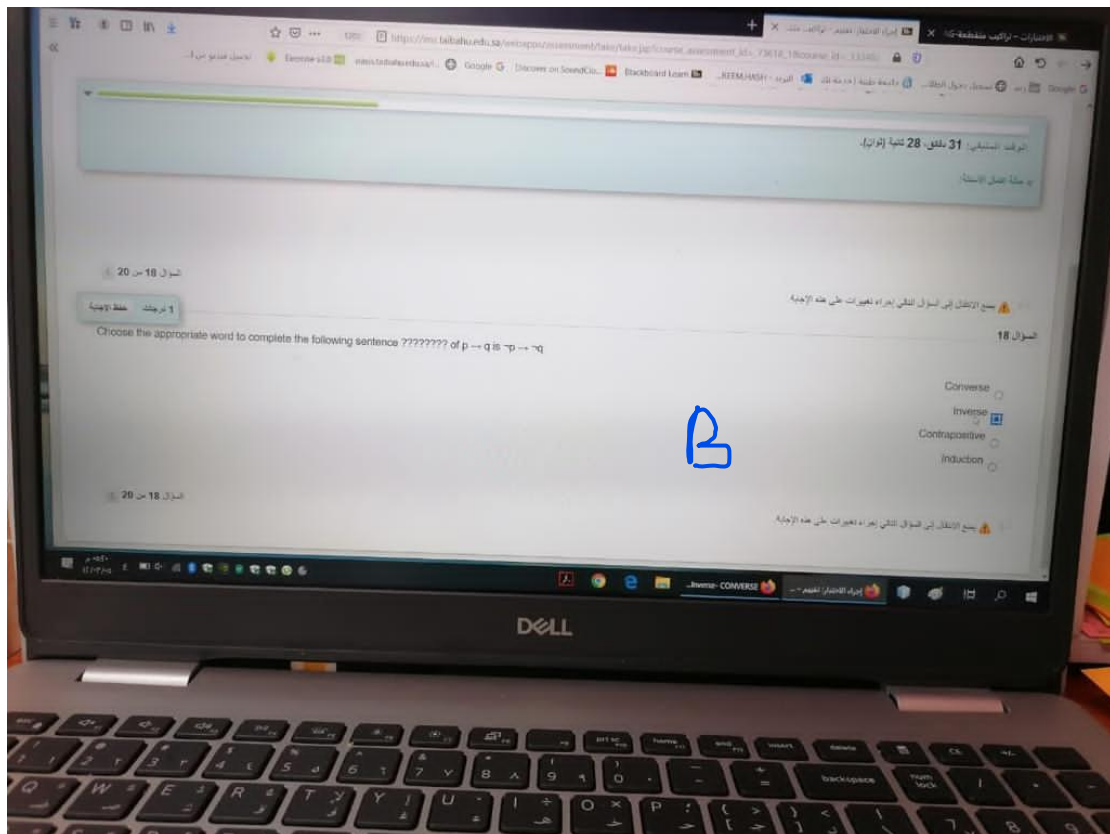


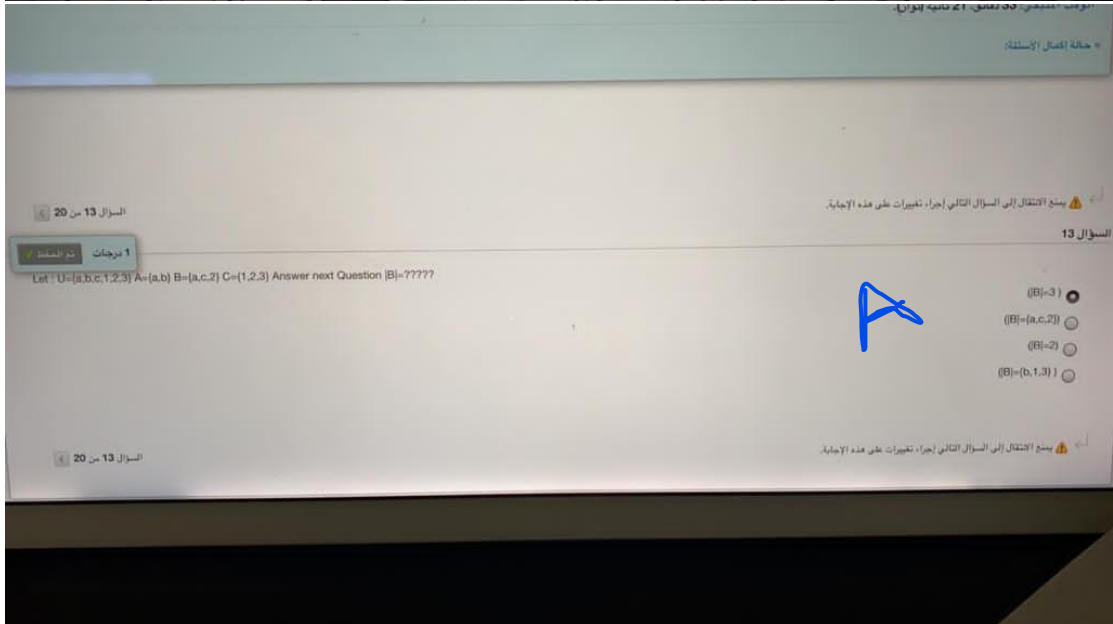
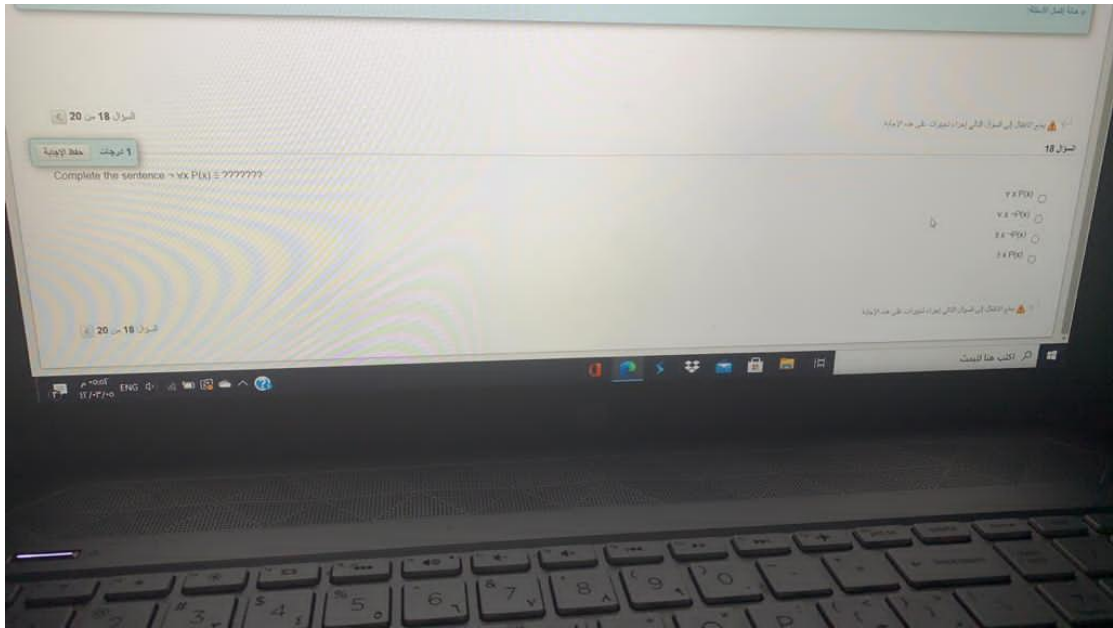


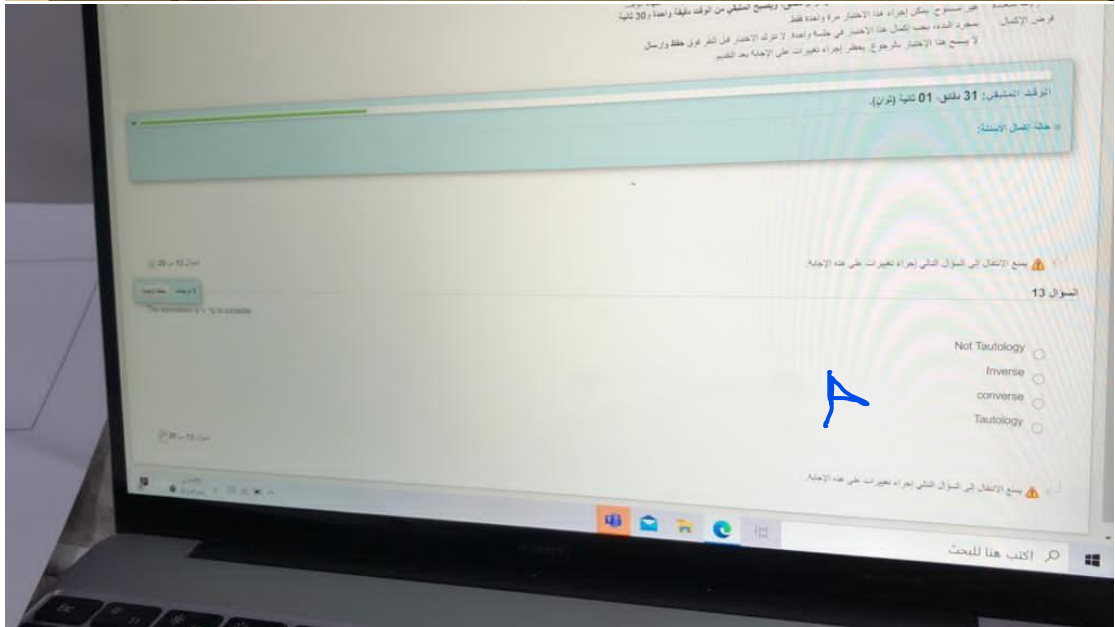
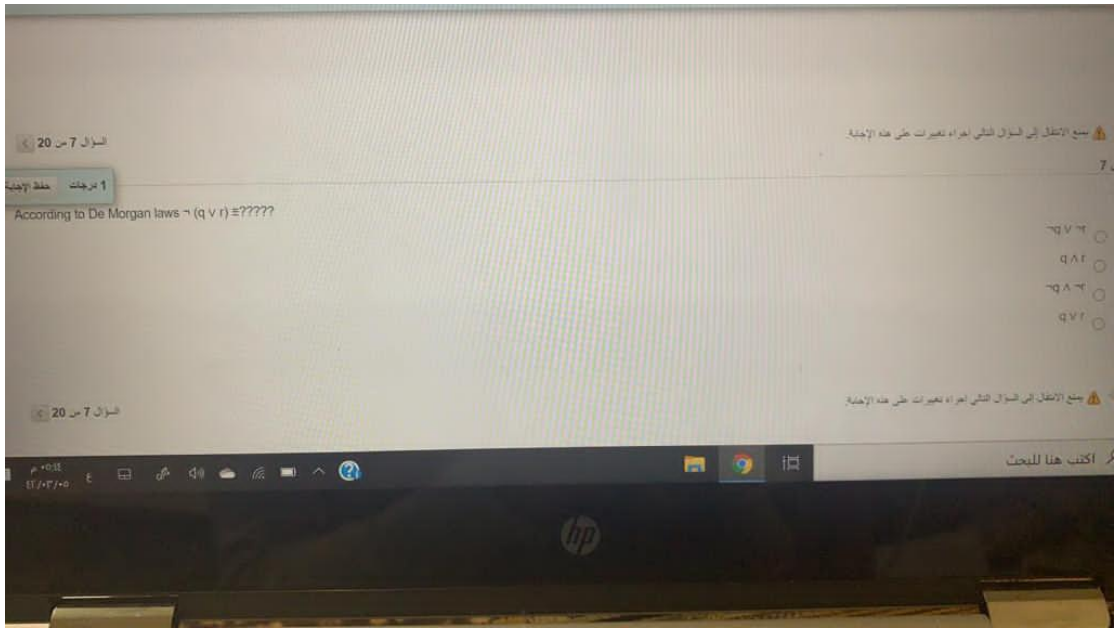


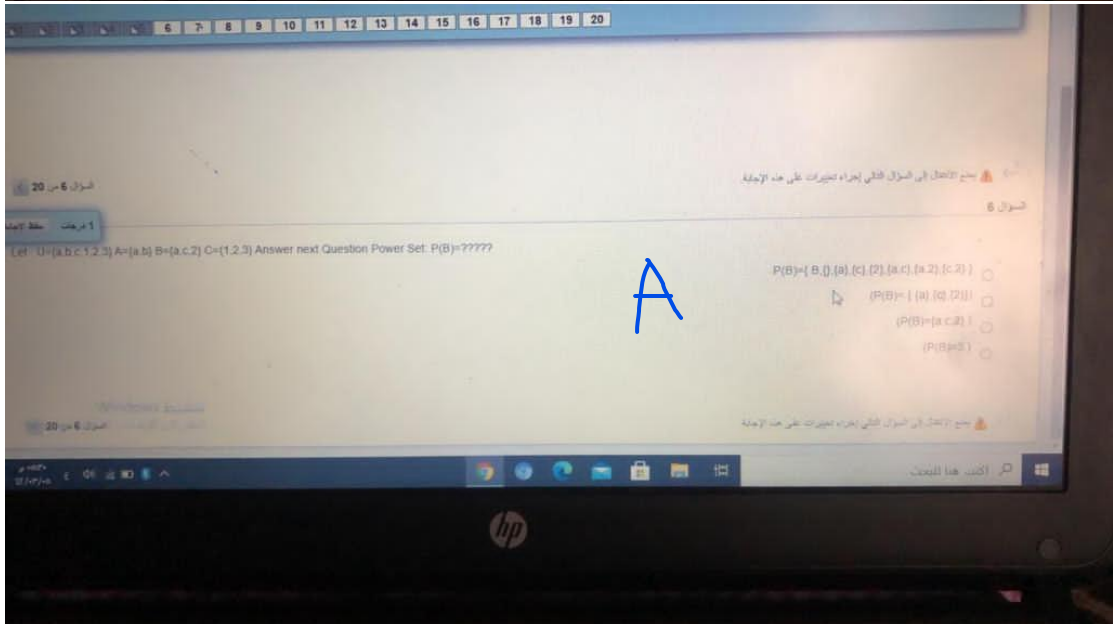
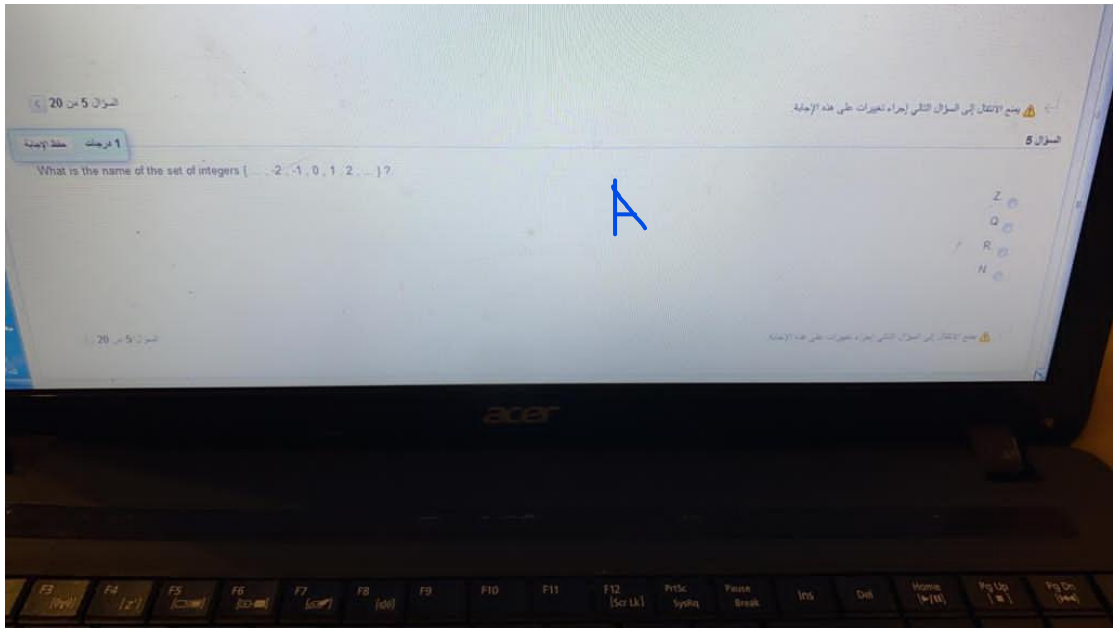


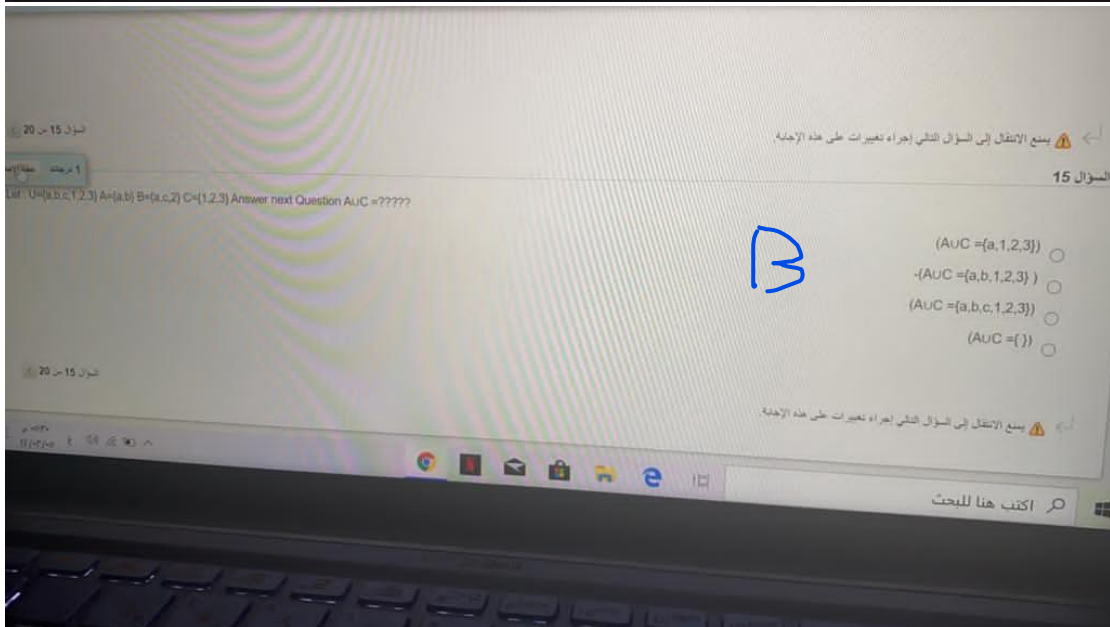
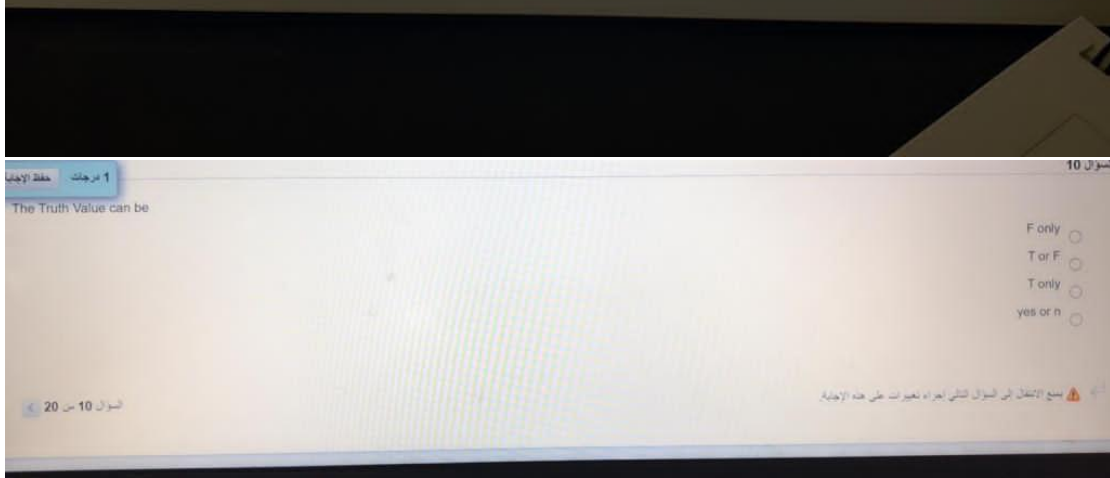
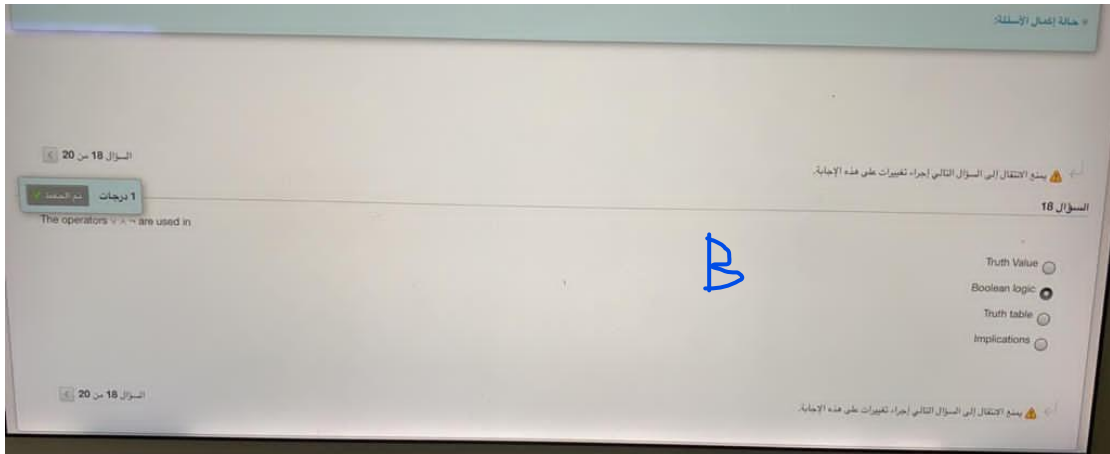












السؤال 2 من 20

1 درجات **خطأ** **إجابة**

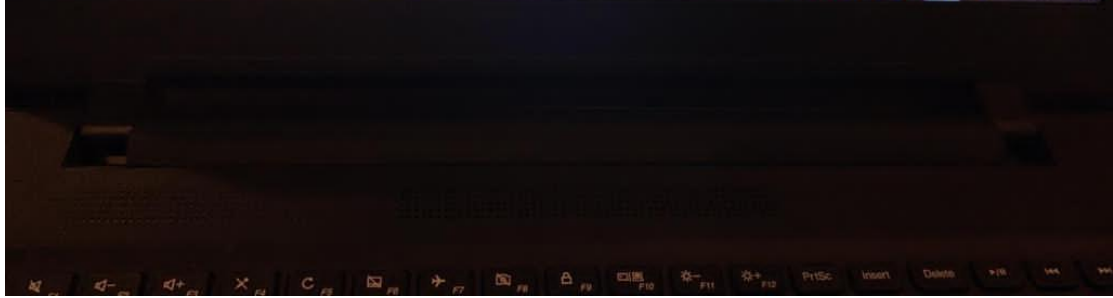
The expression $p \wedge q \vee r$. Could be interpreted as ????????

السؤال 2

جميع الإجابات في السؤال التالي إجراء تغييرات على هذه الإجابة.

$(p \wedge q) \vee r$
 $p \wedge (q \wedge r)$
 $(p \vee q) \wedge r$
 $p \wedge q \vee r$

Windows taskbar: ENG 4:00



السؤال 6 من 20

1 درجات **خطأ** **إجابة**

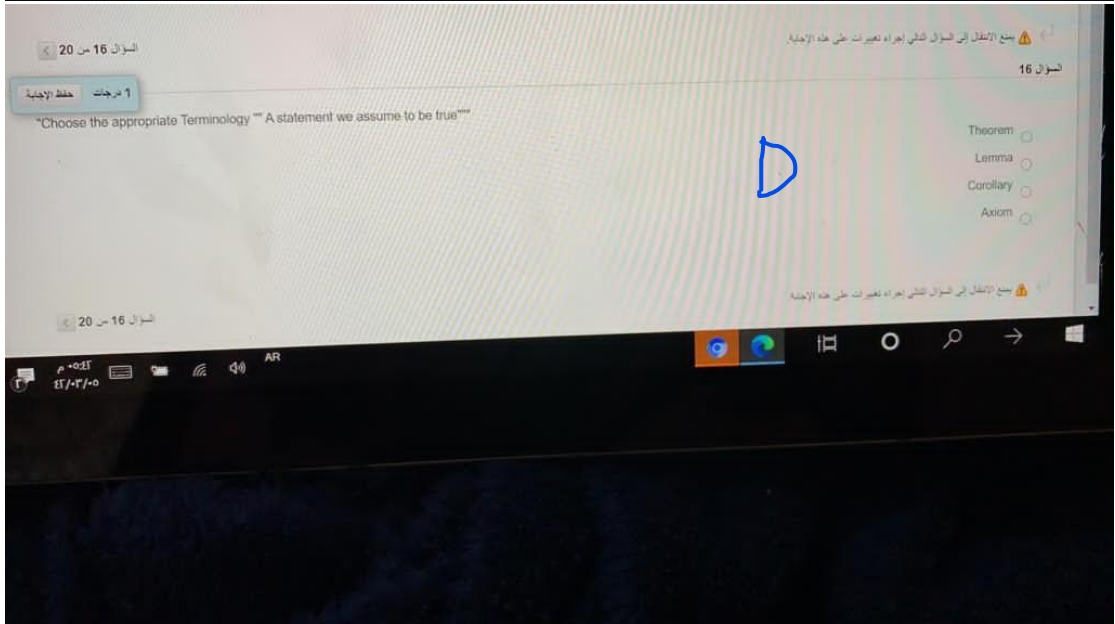
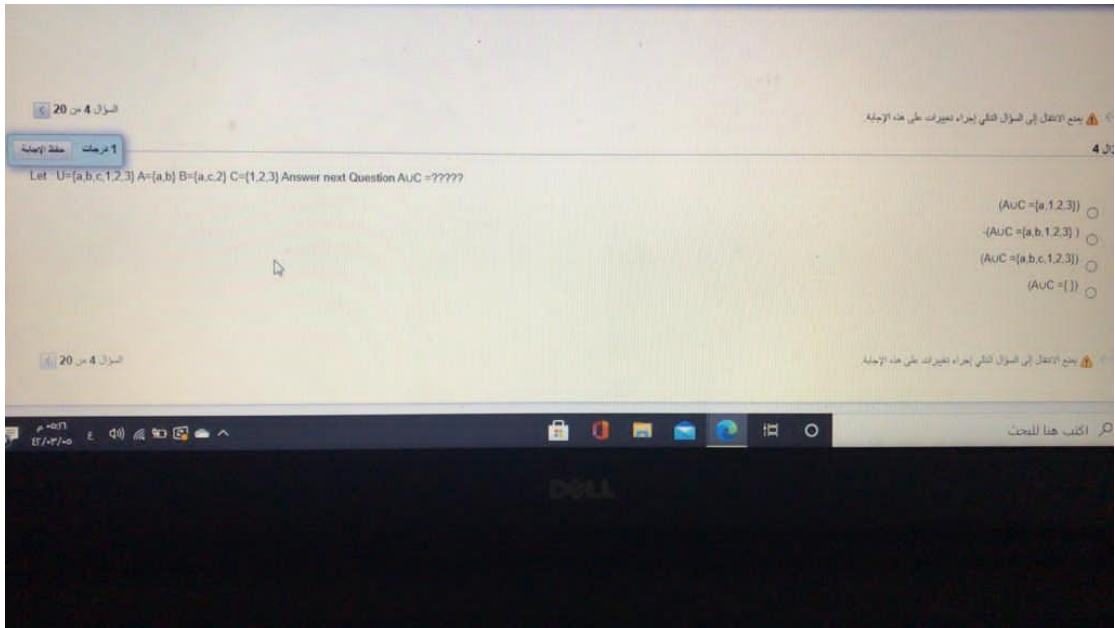
$U = \{a, b, c, 1, 2, 3\}$ $A = \{a, b\}$ $B = \{a, c, 2\}$ $C = \{1, 2, 3\}$ Answer next Question $|B| = ??????$

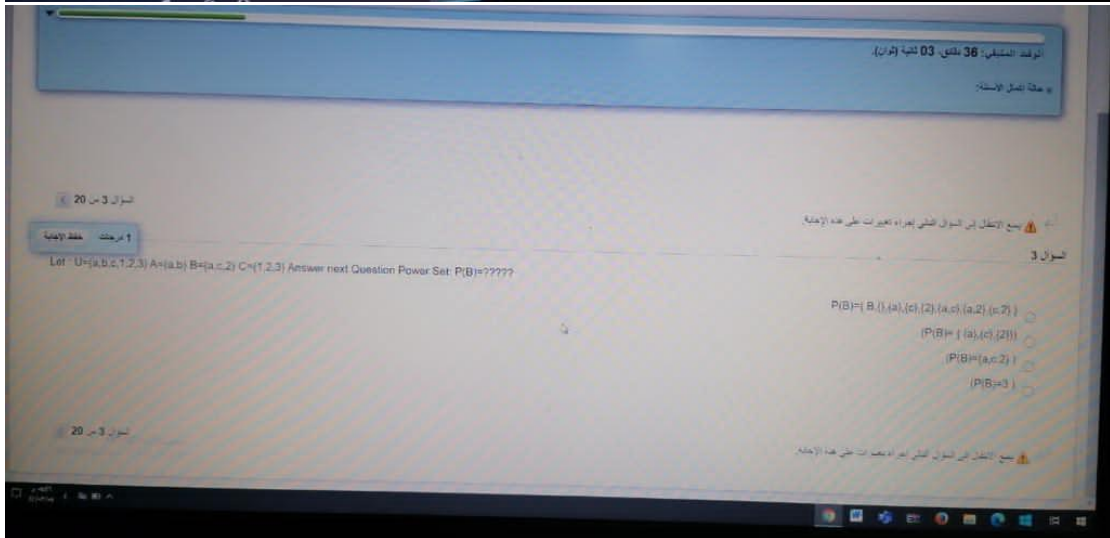
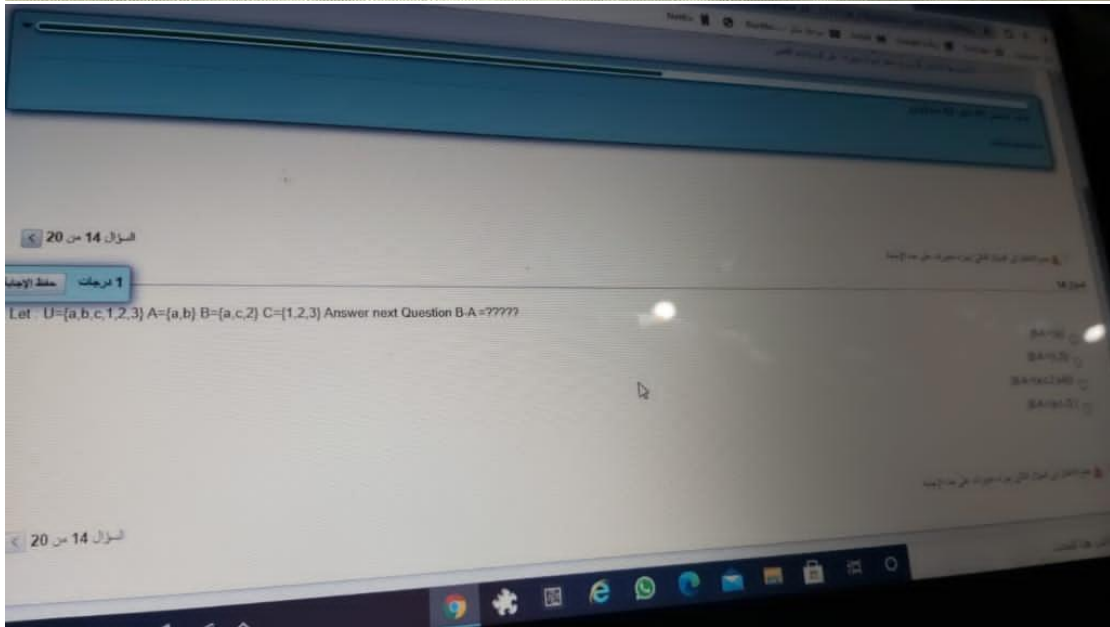
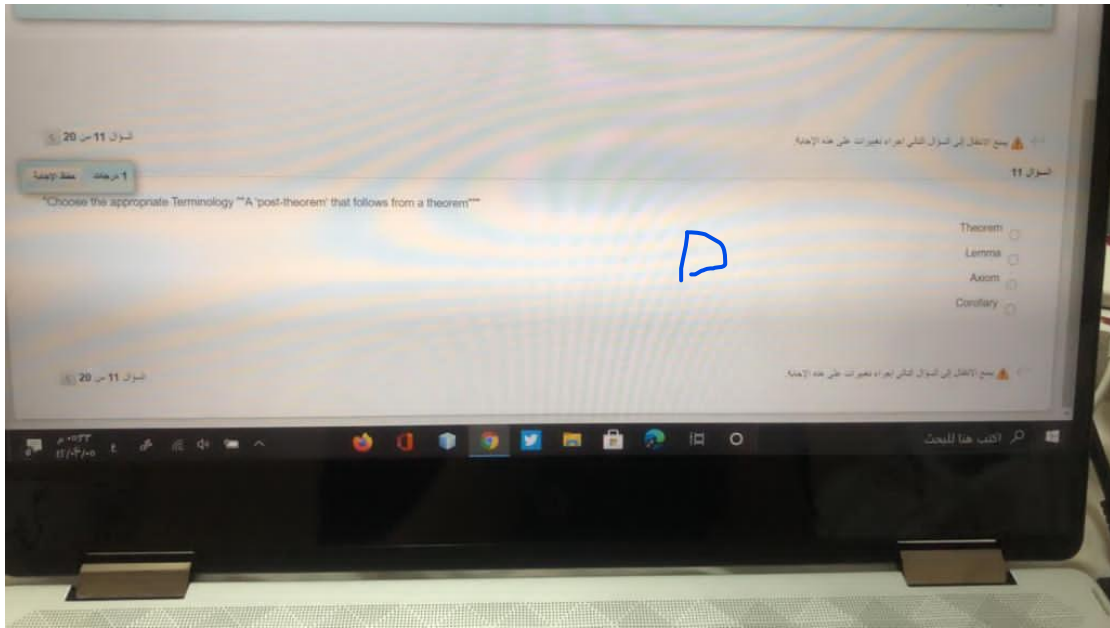
السؤال 6 من 20

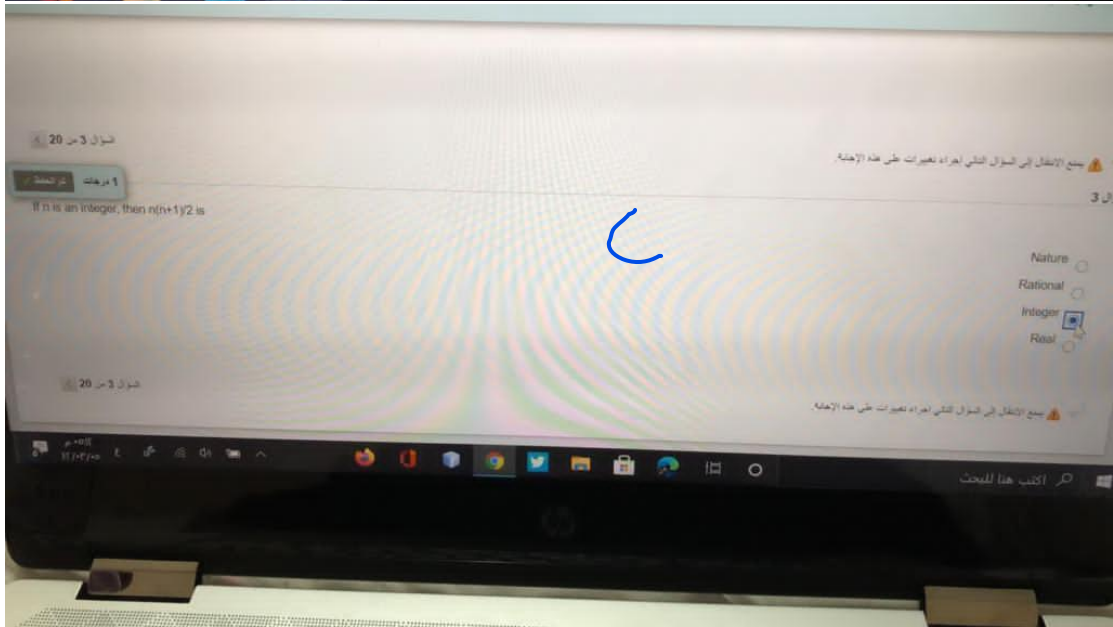
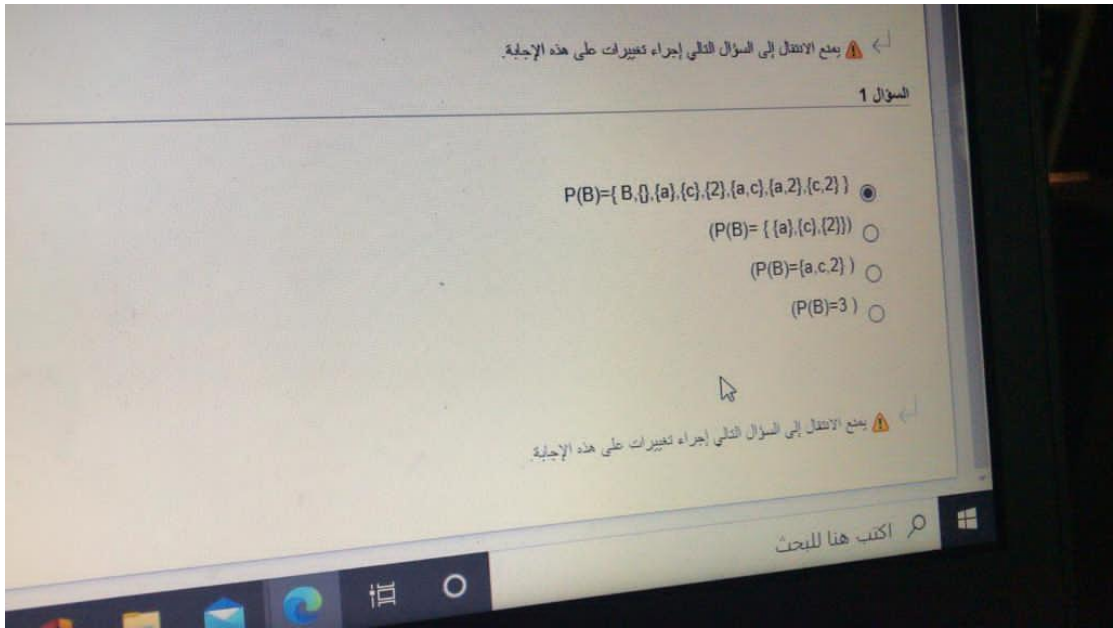
جميع الإجابات في السؤال التالي إجراء تغييرات على هذه الإجابة.

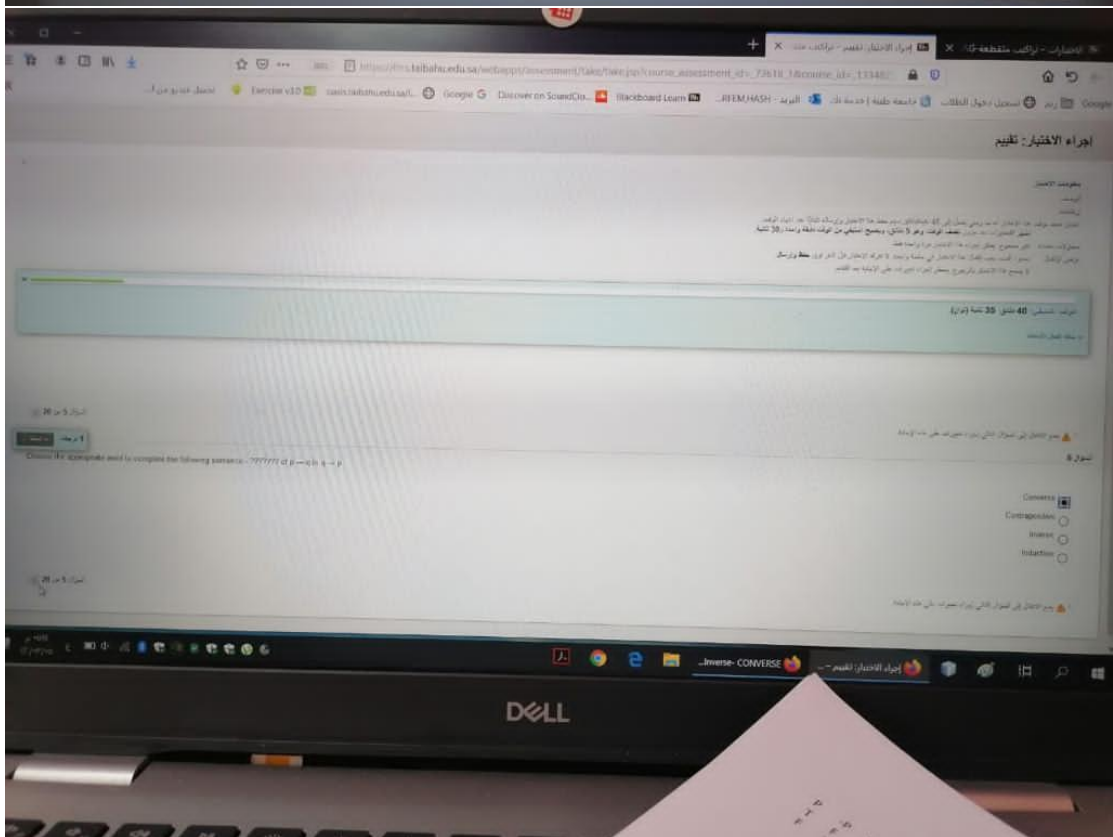
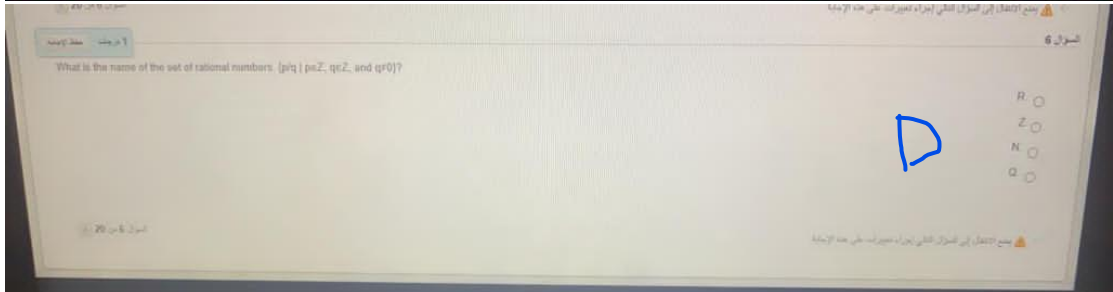
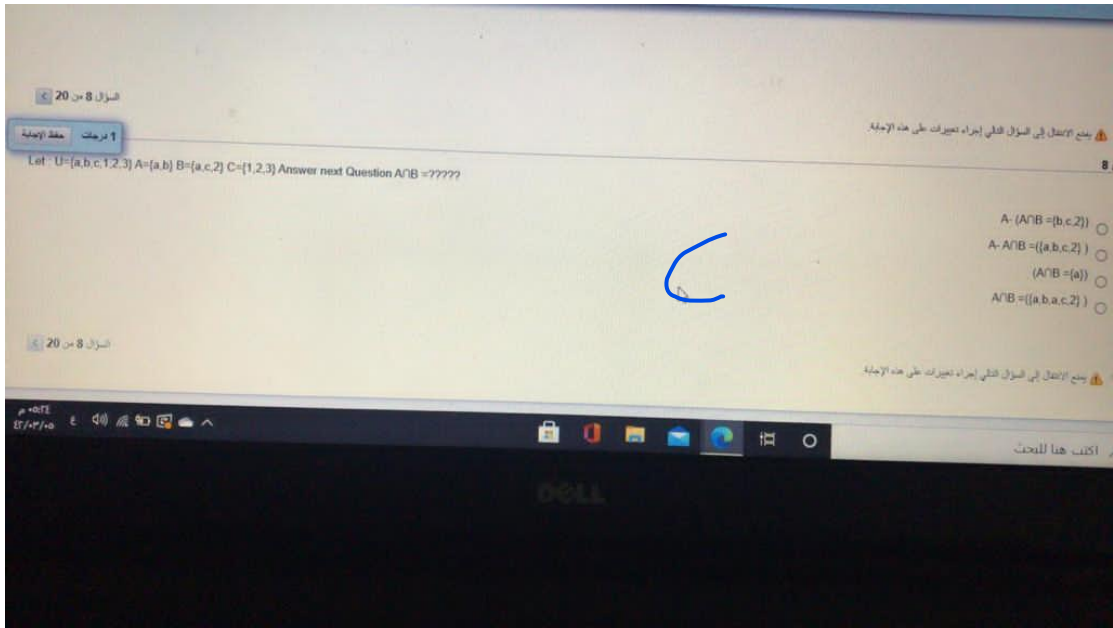
$|B| = 3$
 $|B| = \{a, c, 2\}$
 $|B| = 2$
 $|B| = \{b, 1, 2\}$

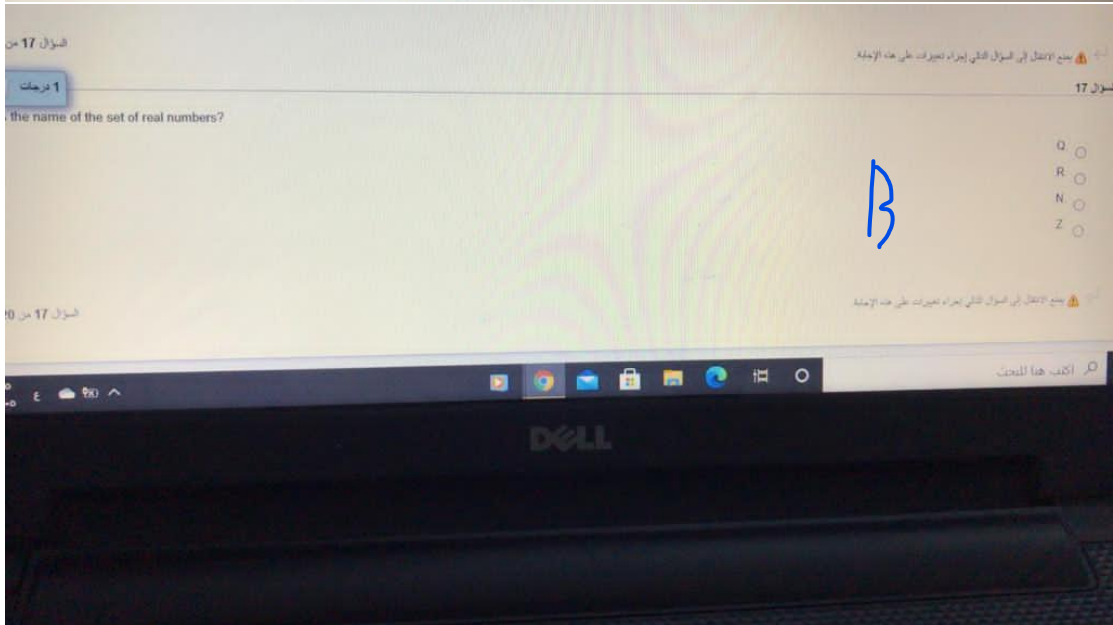
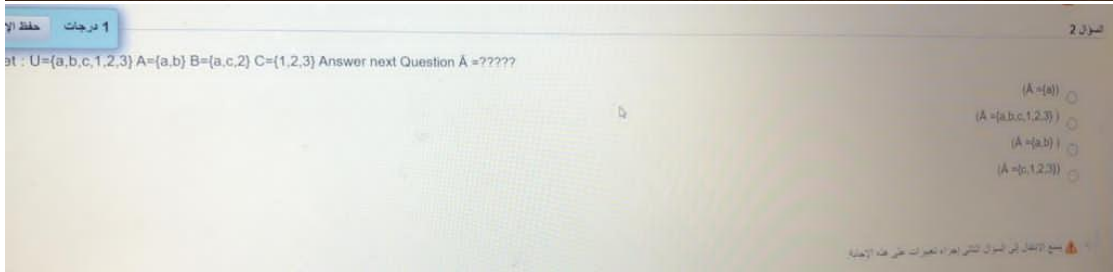
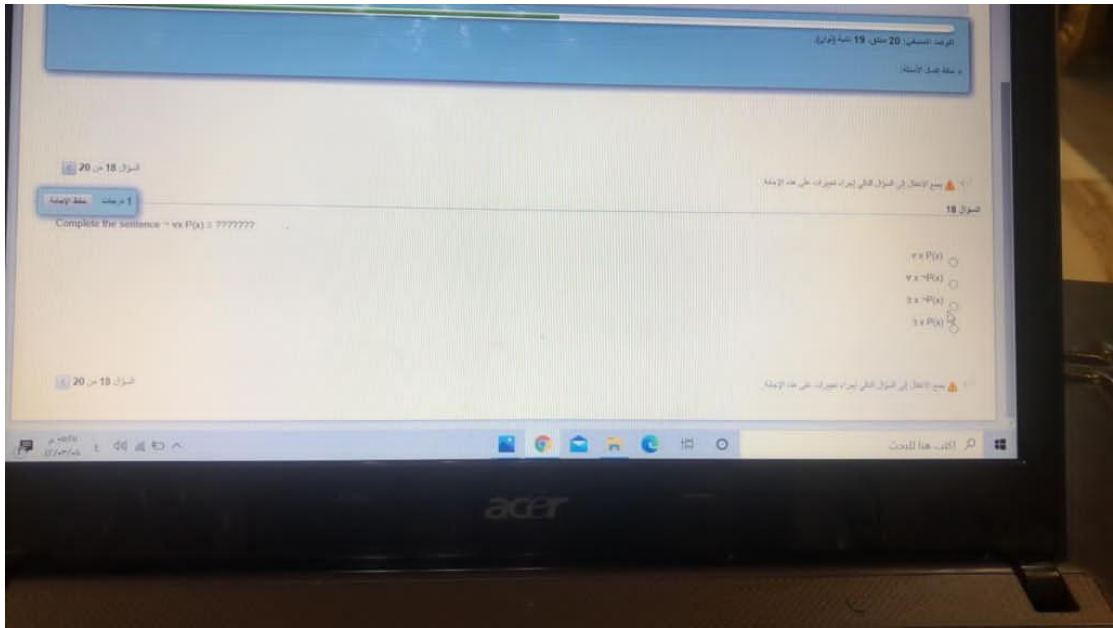
Windows taskbar: ENG 4:00

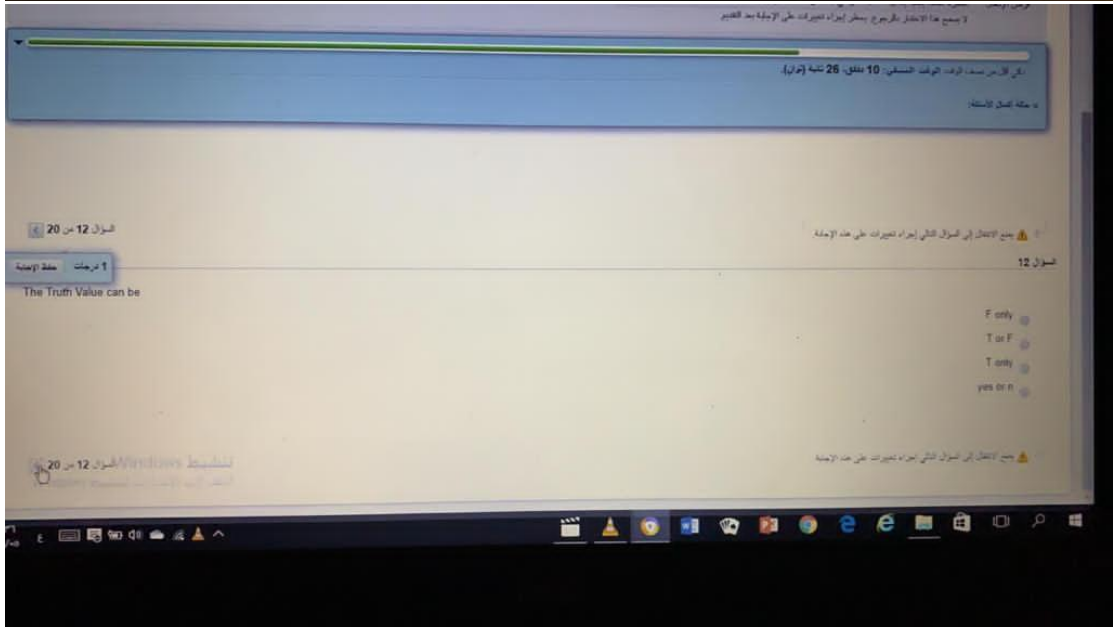
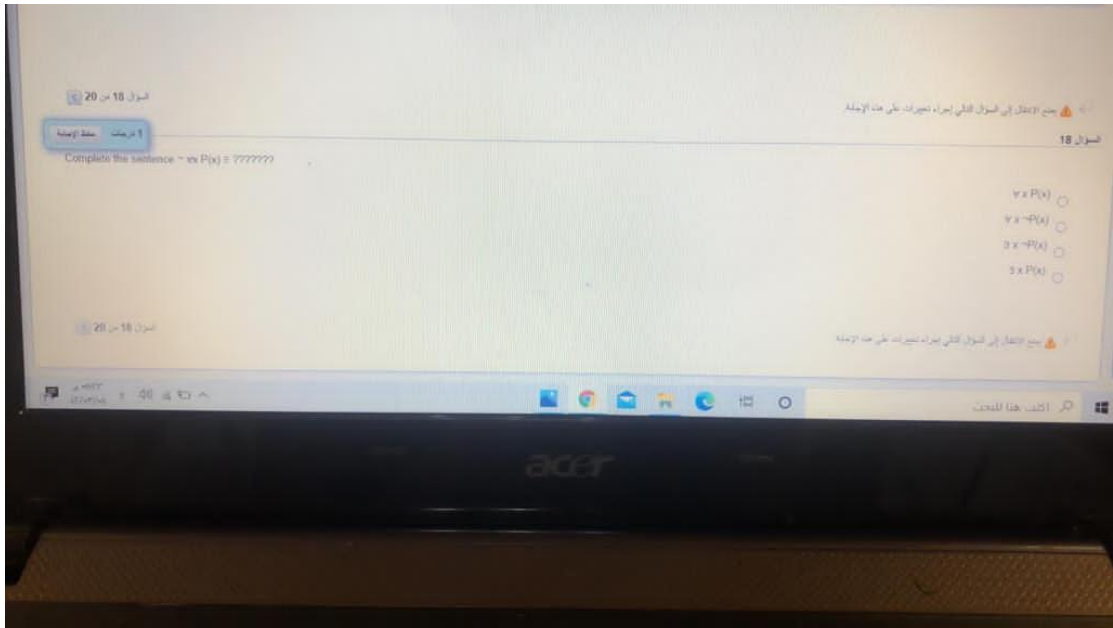












السؤال 6 من 20 <

⚠ يمنع الانتقال إلى السؤال التالي إجراء

تغييرات على هذه الإجابة.

السؤال 6

1 درجات حفظ الإجابة

Let : $U=\{a,b,c,1,2,3\}$ $A=\{a,b\}$ $B=\{a,c,2\}$ $C=\{1,2,3\}$ Answer next Question $|B|=?????$

$(|B|=3)$

A $(|B|=\{a,c,2\})$

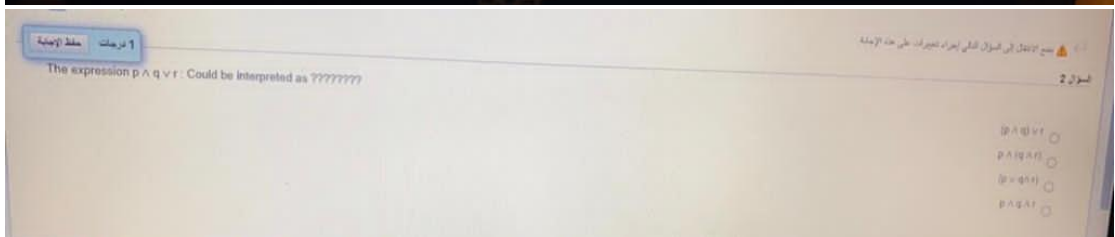
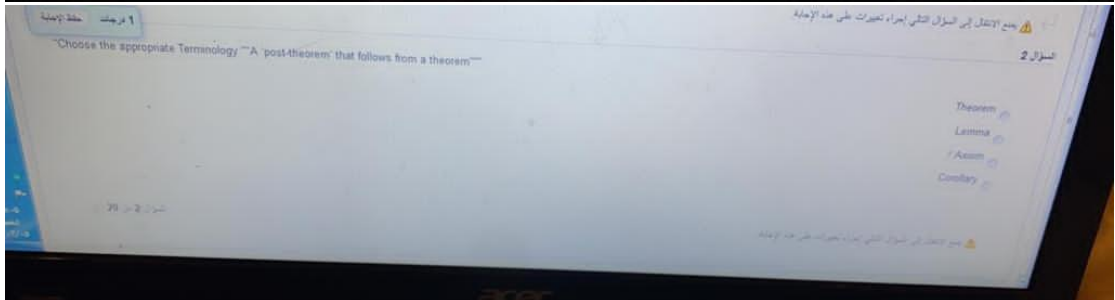
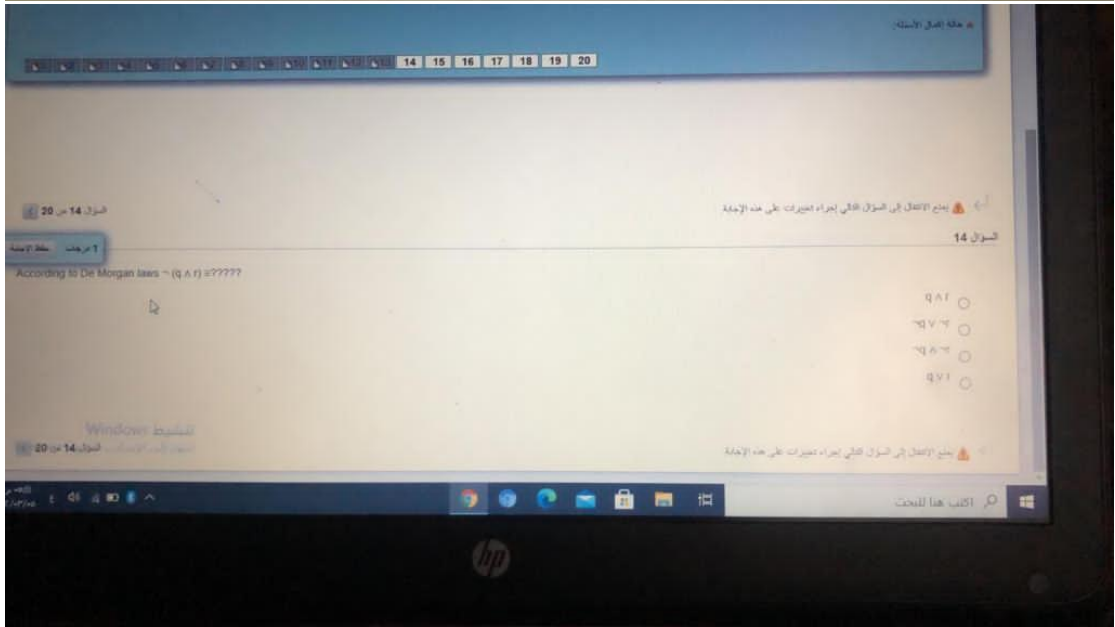
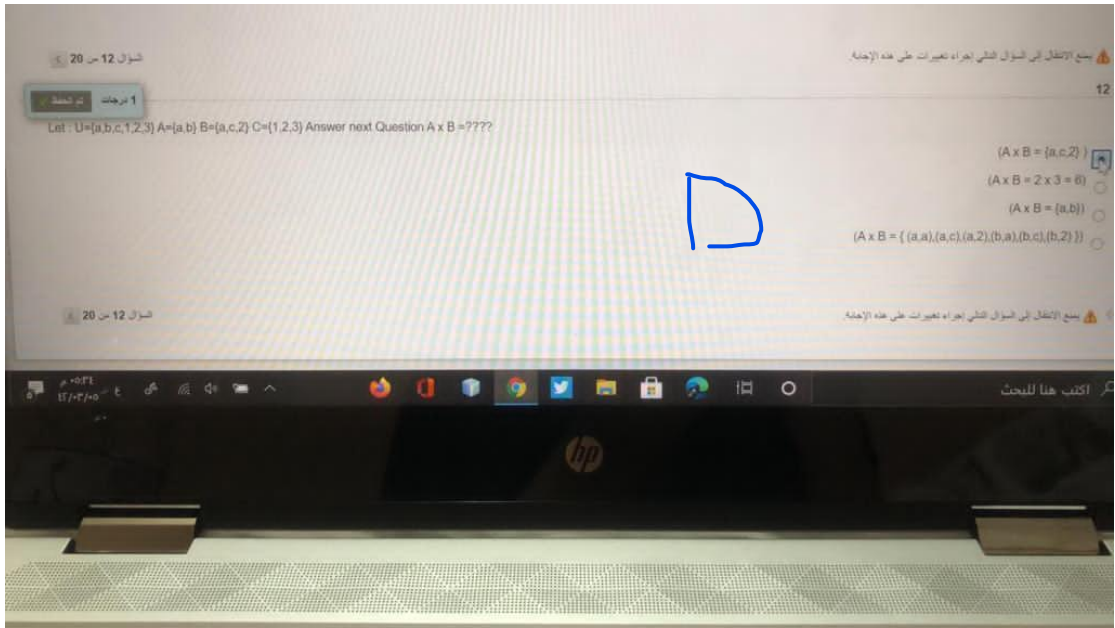
$(|B|=2)$

$(|B|=\{b,1,3\})$

السؤال 6 من 20 <

⚠ يمنع الانتقال إلى السؤال التالي إجراء

تغييرات على هذه الإجابة.



The expression $p \wedge q \vee r$: Could be interpreted as ????????

- $(p \wedge q) \vee r$
- $p \wedge (q \wedge r)$
- $(p \vee q) \wedge r$
- $p \wedge q \wedge r$

السؤال 8 من 20

يتم الانتقال إلى السؤال التالي إجراء تعديلات على هذا الإجابة

الوقت المتبقي: 38 دقائق، 14 ثانية (إجمالي)

يتم الانتقال إلى السؤال التالي إجراء تعديلات على هذا الإجابة

السؤال 2

The Truth Value can be

- F only
- T or F
- T only
- yes or n

السؤال 2 من 20

يتم الانتقال إلى السؤال التالي إجراء تعديلات على هذا الإجابة

الوقت المتبقي: 34 دقائق، 26 ثانية (إجمالي)

يتم الانتقال إلى السؤال التالي إجراء تعديلات على هذا الإجابة

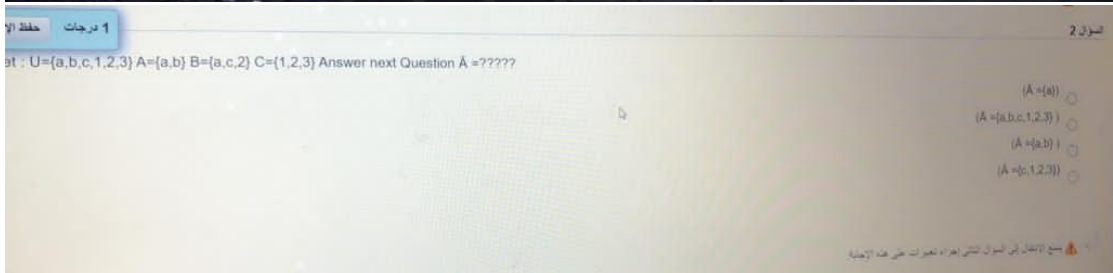
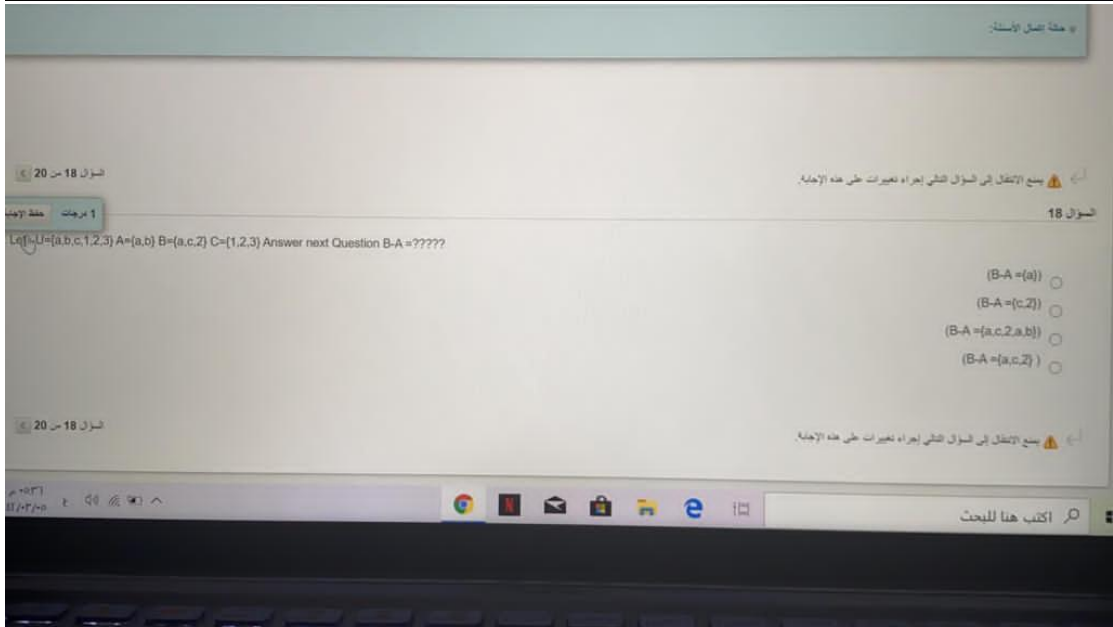
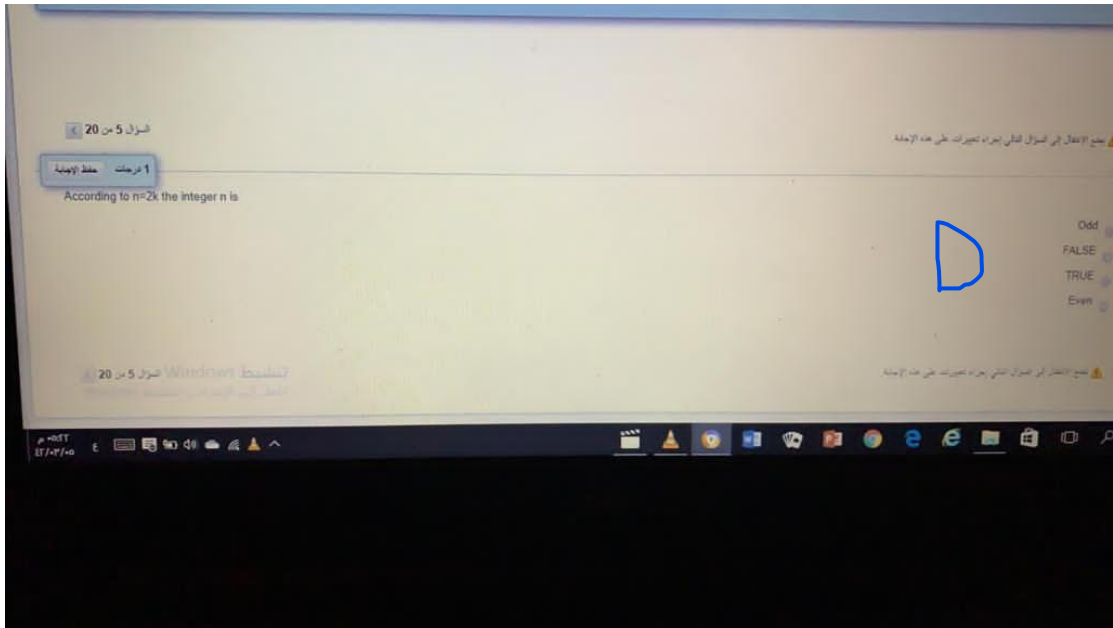
السؤال 10 من 20

The expression $p \vee \neg p$ is consider

- Not Tautology
- Inverse
- Converse
- Tautology

السؤال 10 من 20

يتم الانتقال إلى السؤال التالي إجراء تعديلات على هذا الإجابة



السؤال 4 من 20

1 ترجمات حفظ الإجابة

The expression $p \vee \neg p$ is consider

السؤال 4 من 20

4

مع الانتقال إلى السؤال التالي إجراء تغييرات على هذه الإجابة.

Not Tautology

Inverse

converse

Tautology

مع الانتقال إلى السؤال التالي إجراء تغييرات على هذه الإجابة.

السؤال 9 من 20

1 ترجمات حفظ الإجابة

The Truth Value can be

السؤال 9 من 20

9

مع الانتقال إلى السؤال التالي إجراء تغييرات على هذه الإجابة.

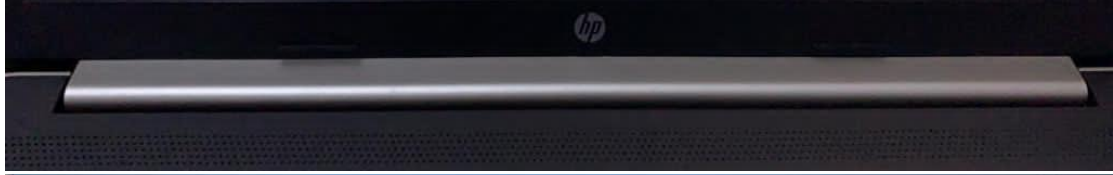
F only

T or F

T only

yes or n

مع الانتقال إلى السؤال التالي إجراء تغييرات على هذه الإجابة.



السؤال 5 من 20

1 ترجمات حفظ الإجابة

According to $n=2k$ the integer n is

السؤال 5 من 20

5

مع الانتقال إلى السؤال التالي إجراء تغييرات على هذه الإجابة.

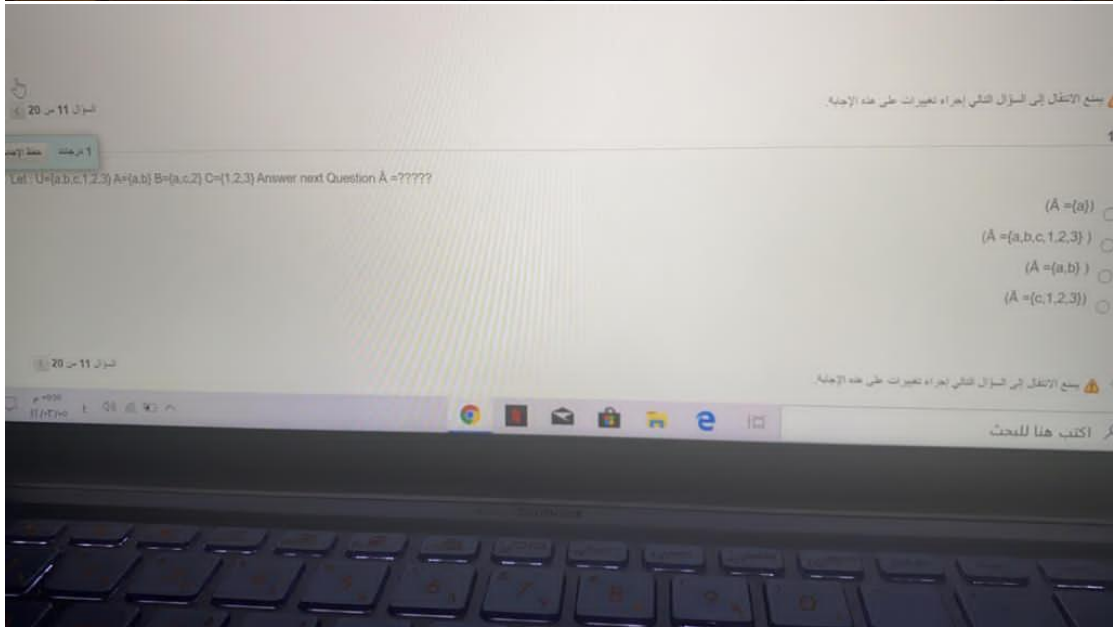
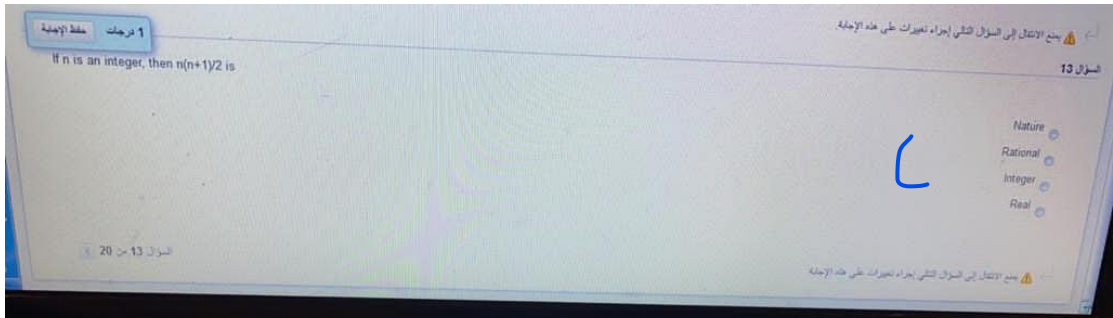
Odd

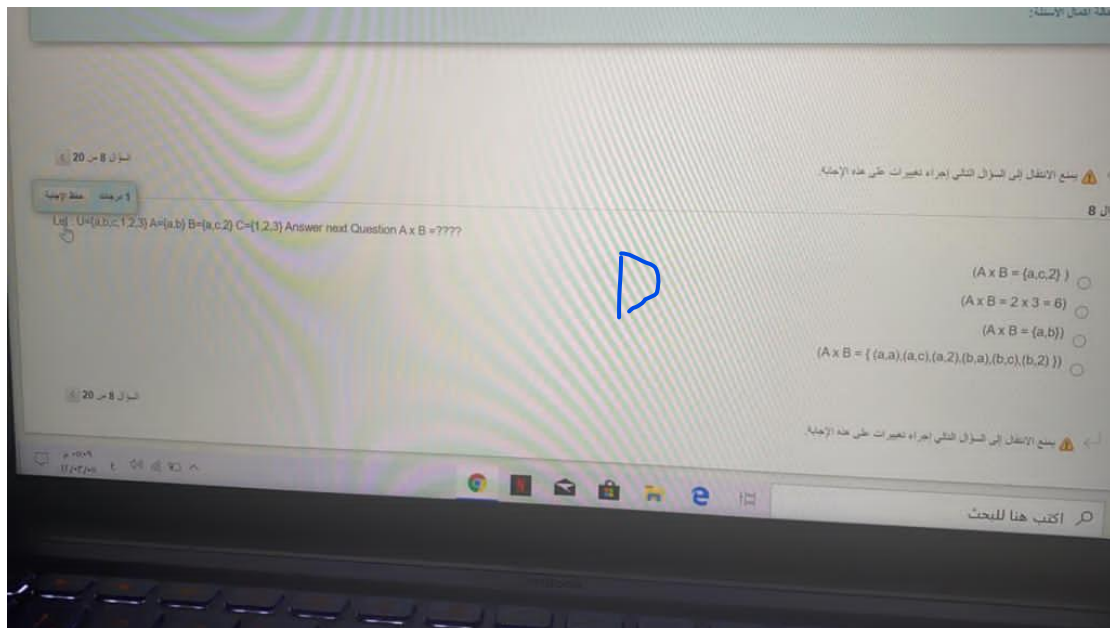
FALSE

TRUE

Even

مع الانتقال إلى السؤال التالي إجراء تغييرات على هذه الإجابة.





Theorem: A statement that can be shown to be true (facts or results).

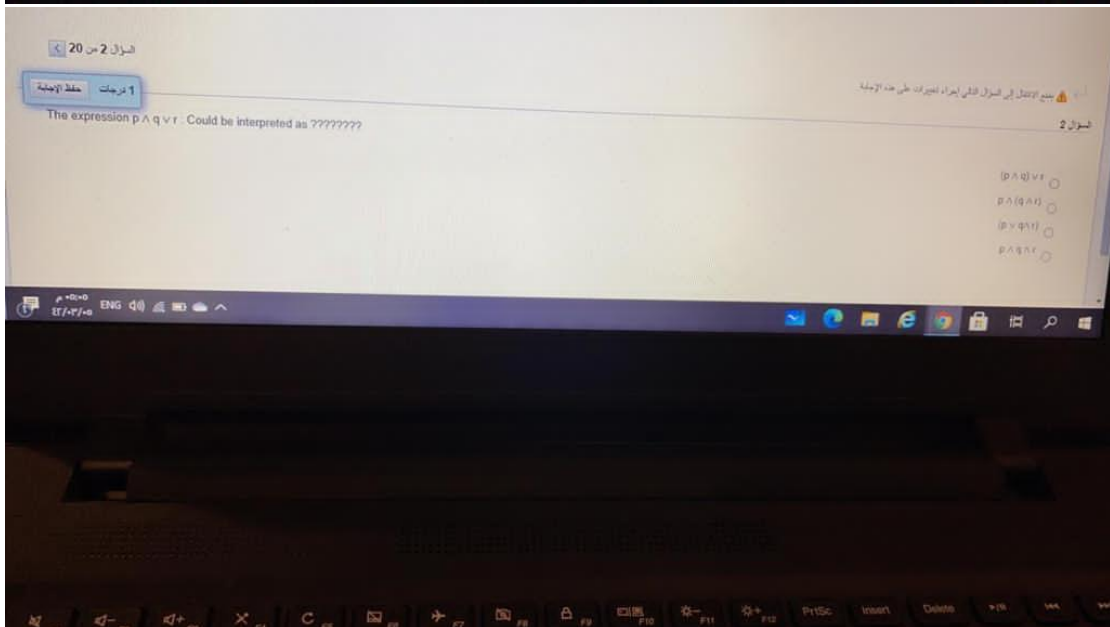
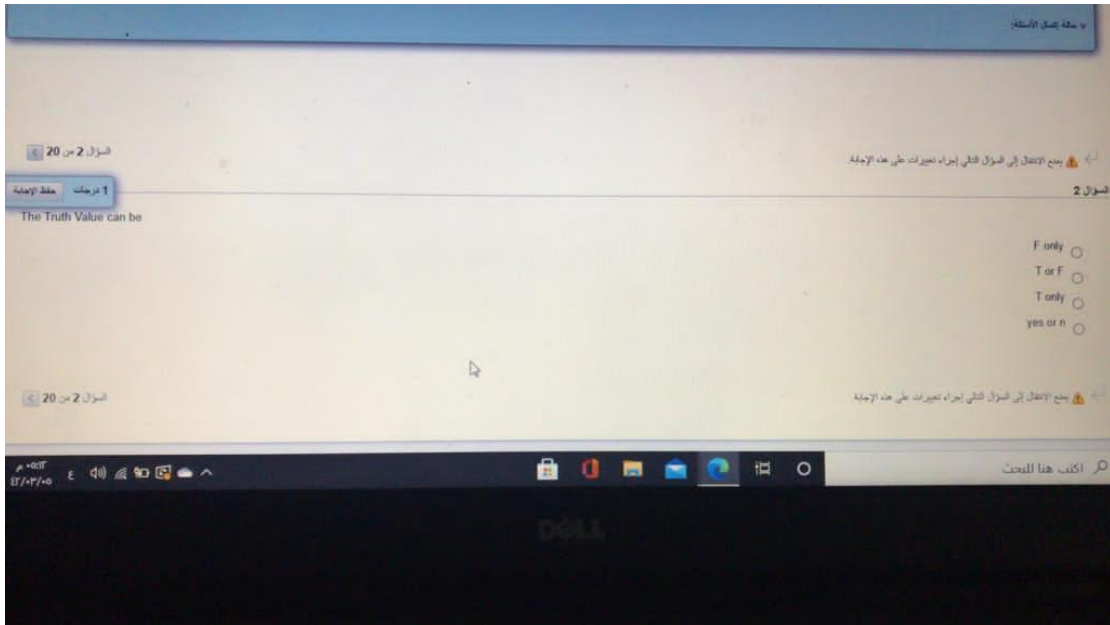
Axiom: A statement we assume to be true

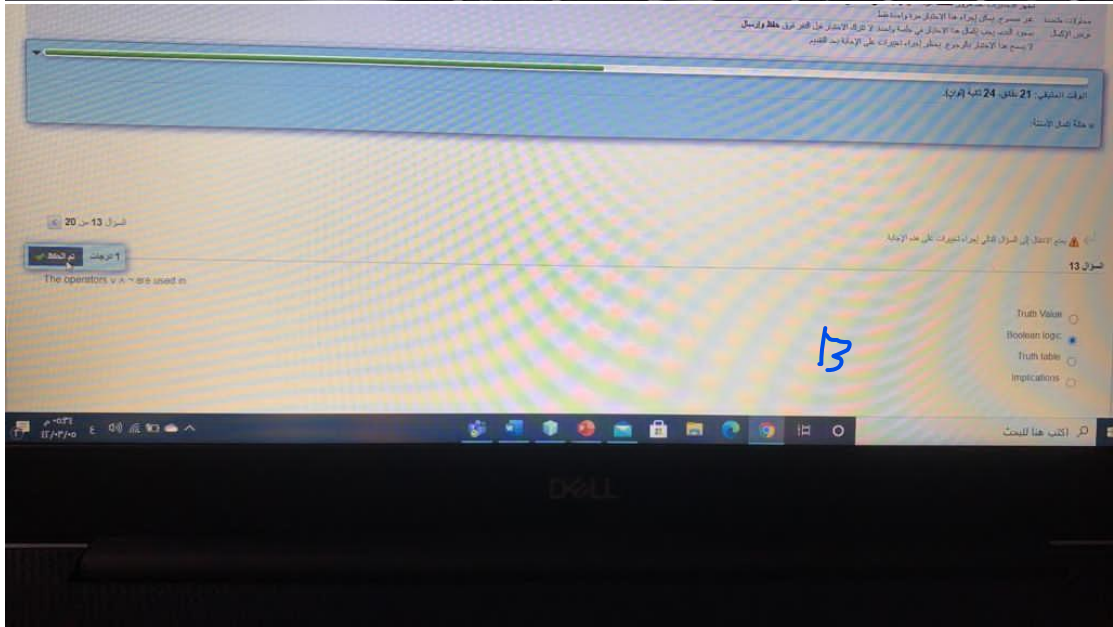
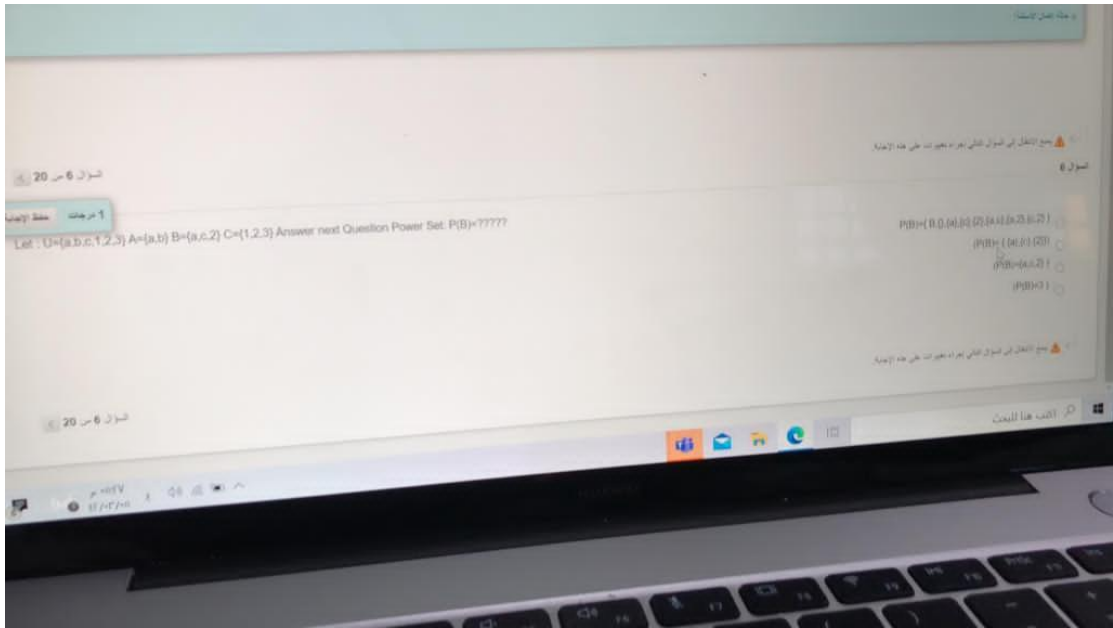
Lemma: A 'pre-theorem' that is needed to prove a theorem

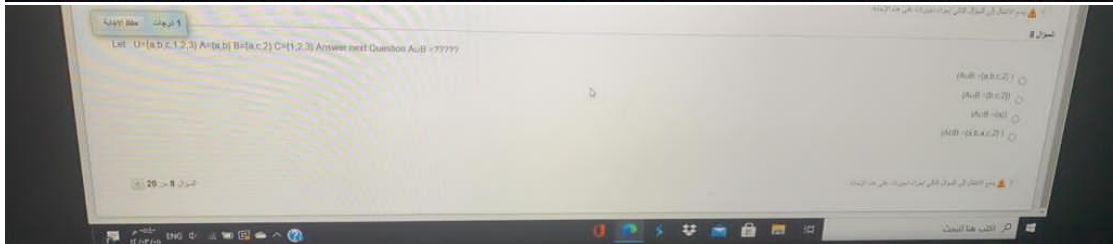
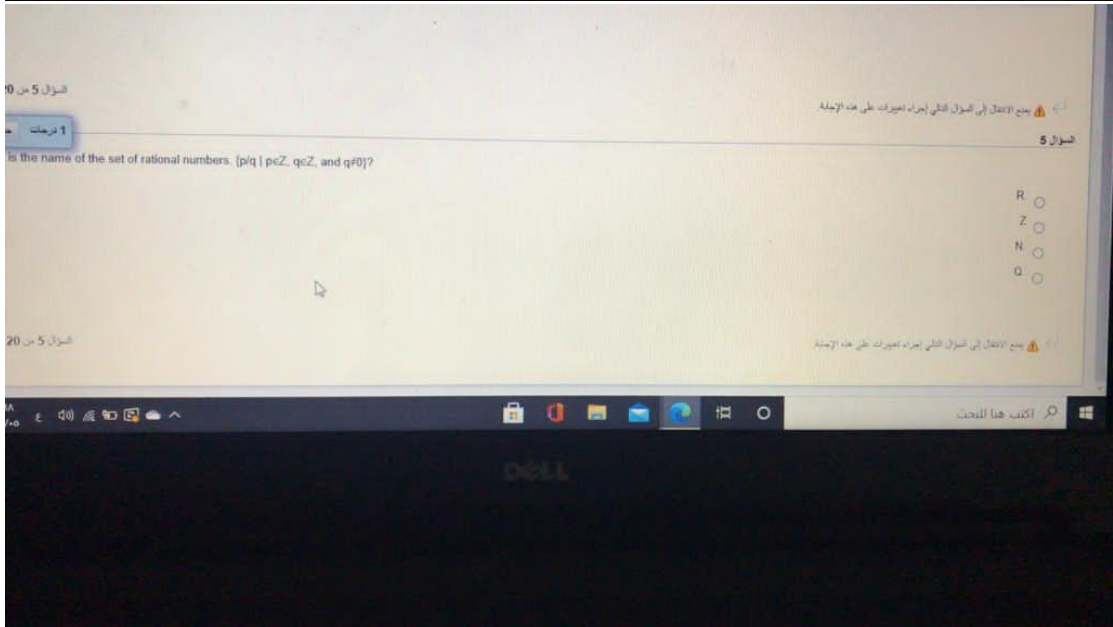
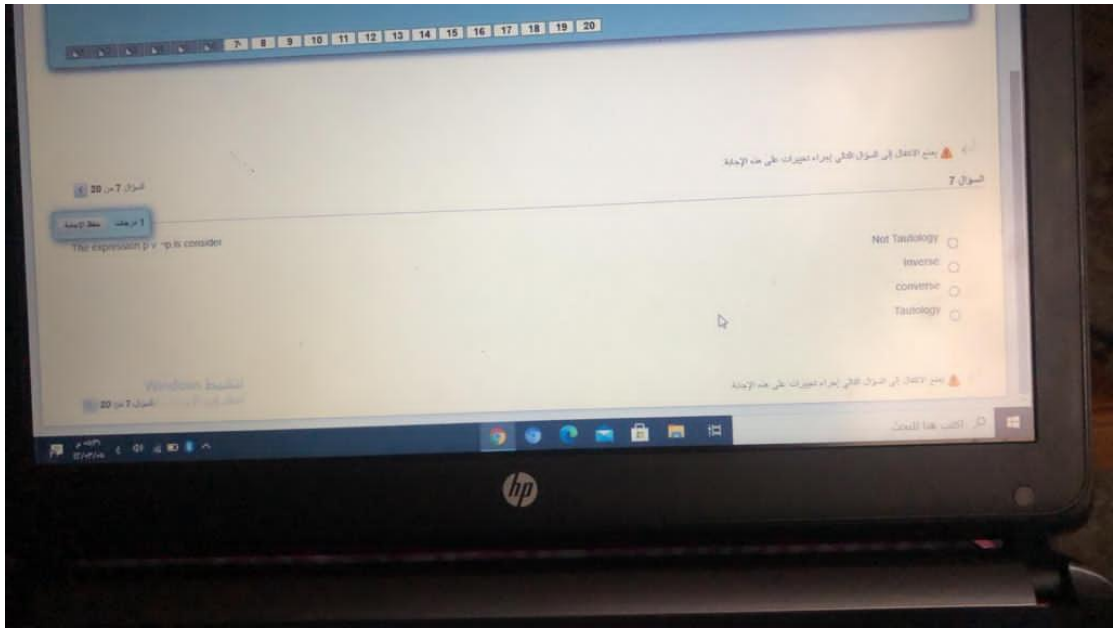
Corollary: A 'post-theorem' that follows from a theorem

Types of Proofs

Direct proofs (including Proof by cases) •







⏪ **⚠** Moving to the next question prevents changes to this answer

Question 10

The expression $p \wedge (q \vee r) \equiv ???$

- $(p \wedge q) \wedge (p \wedge r)$
- $(p \wedge q) \text{ NOT } (p \wedge r)$
- $(p \wedge q) \vee (p \wedge r)$
- $(p \wedge q) \oplus (p \wedge r)$

✓

