Physices Quiz 1 2020 mid 2

NEVER GIVE UP,

GREAT THINGS TAKE

TIME, BE PATIENT ❤️

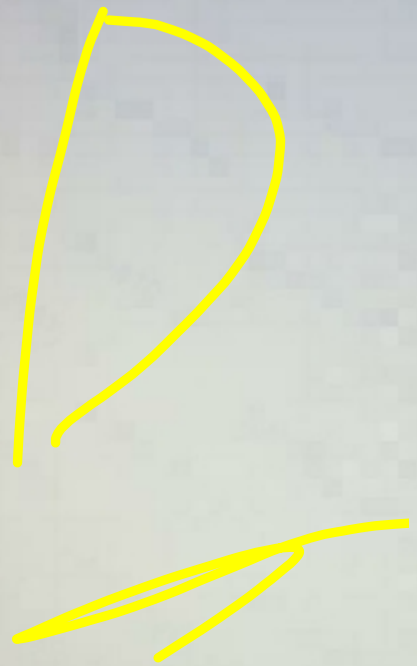
By Dr.A💉

&

عبدالله المحمدي

train travelling in a straight line at an average speed of 150 km/h for 40 min covers a distance of:

- 3.75 km
- 225 km
- 150 km
- 100 km



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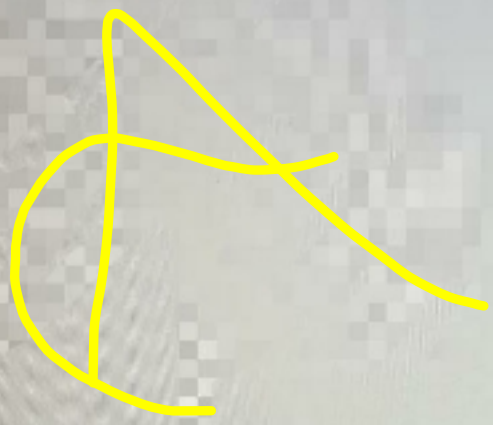
MKCLOES

Total questions in exam: 25 | Answered: 8

Question No. 15

A vector is represented by:

- an arrow
- a square
- a triangle
- a straight line



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Question No. 19

A lake with approximately circular surface has an average radius $r = 0.5\,km$ and average depth $h = 10\,m$. The volume $V = \pi r^2 h$ of this lake in liters (L) is approximately:

- 10^5 L
- 10^{12} L
- 10^{10} L
- 10^7 L

L

10

10^{10}

Physics_Quiz

Question

A train travelling in a straight line at an average speed of 150 km/h for 40 min covers a distance of:

- 3.75 km
- 225 km
- 150 km
- 100 km

Physics_Quiz1_Sem

If r is a length, A is an area and V is a volume, the equation $A = r^{1-n}/V$ is dimensionally correct if n equals:

- -5
- 5
- 4
- -4

Save & Next

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MKCL OES

Total questions in exam: 25 | Answered: 8

Question No. 2

The dimensions of (mass × speed/time) is.

- $M L^{-1} T^{-1}$
- $M L T^{-2}$
- $M L^{2} T^{-1}$
- $M L^{2} T^{-2}$

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Physics_Quiz1_Sem2_

NMCL OES

Total Questions in exam: 25 | Answered: 8

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Question No.

Taking significant figures into account, the product $1.044 \times 10.0 \times 0.16 \times 0.130 \times 0.7$, is correctly written as:

- 0.1520064
- 0.2
- 0.15
- 0.15201

B

Save & Next

Calculator

Notepad

HP Compaq LE1711

Question No. 21

A train travelling in a straight line at an average speed of 150 km/h for 40 min covers a distance of:

- 3.75 km
- 225 km
- 150 km
- 100 km

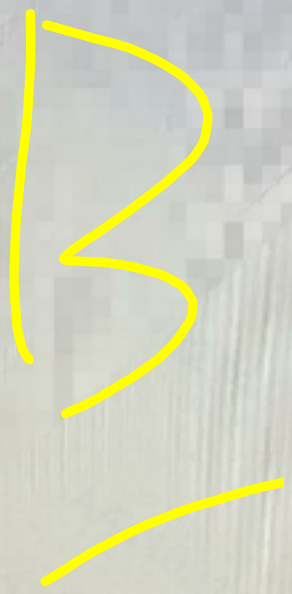
MKCL OES

Total questions in exam: 25 | Answered: 8

Question No. 19

50 µL equals (1 micro (µ) = 10^{-6}):

- 0.000005 L
- 0.00005 L
- 0.005 L
- 0.0005 L



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Physics_Qu

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Total questions in exam: 25 | Answered: 8

Question No.

The number of significant figures in the numbers A= 7700 and B = 0.00770 are, respectively.

- 4 for A and 4 for B.
- 4 for A and 2 for B.
- 4 for A and 5 for B.
- 2 for A and 3 for B.

D

2 A and 3 B

Save & Next

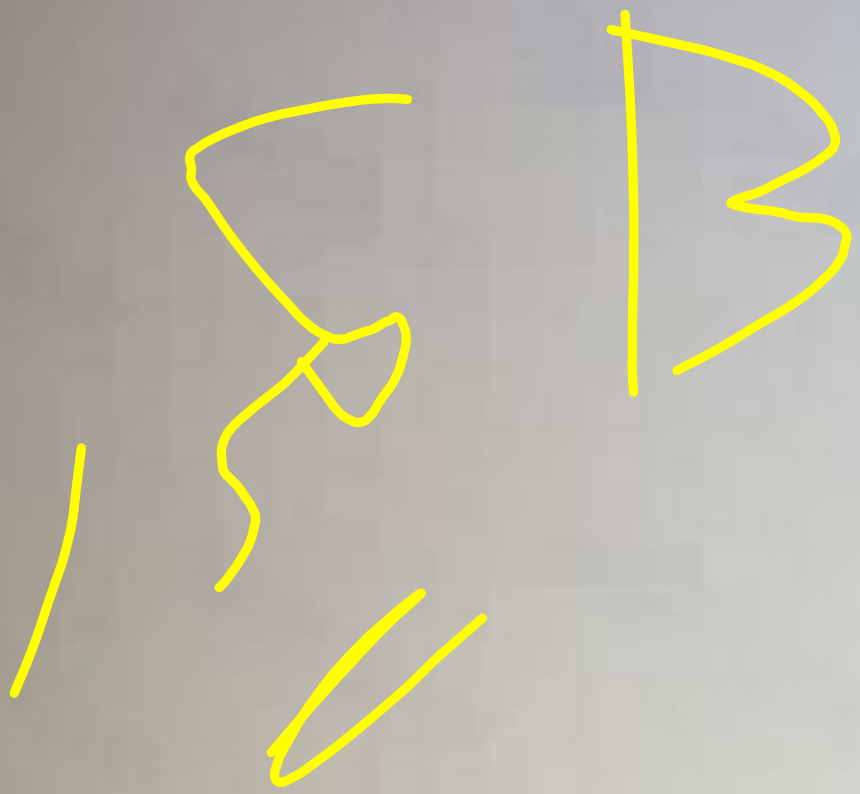
If r is a length, v is a speed and t is time, the equation $v = k.r/t^2$ is dimensionally correct if k has the dimension of:

- TL
- L
- T
- L/T

Question No. 35

The dimensions of (mass × speed/time) is:

- ML^4T^{-1}
- MLT^{-2}
- ML^2T^{-1}
- MLT^{-1}



Question No. 22

If r is a length, A is an area and V is a volume, the equation $A = r^{1-n}/V$ is dimensionally correct if n equals

- -5
- 5
- 4
- -4

Question No. 15

50 μL equals (1 micro (μ) = 10^{-6}):

- 0.000005 L
- 0.00005 L
- 0.005 L
- 0.0005 L

B

1, 5

Question No. 39

The number of decimal places in (0.0100) is:

- 2
- 5
- 4
- 3

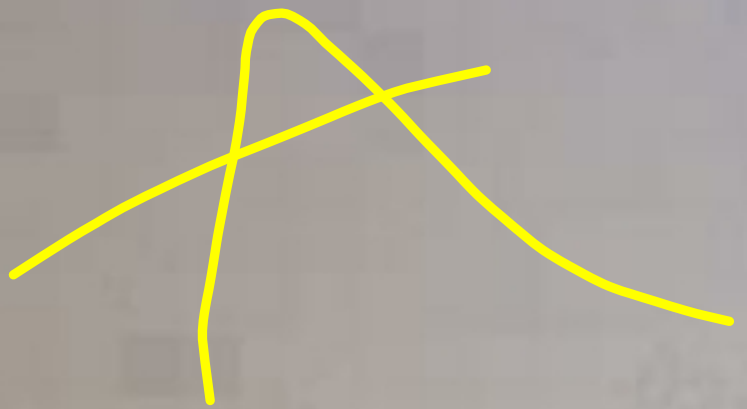
Question No. 90

The dimensions of (mass × speed/time) is:

- $ML^{-1}T^{-1}$
- MLT^{-2}
- $ML^{2}T^{-1}$
- $ML^{2}T^{-2}$

A length of 997.8 mm is equal to:

- 0.9978 m
- 99.78 m
- 0.09978 m
- 9.978 m



Total questions in exam: 25 | Answered: 20

Question No. 8

A⁻ A A⁺

A lake with approximately circular surface has an average radius r = 0.5 km and average depth h = 10 m. The volume $V = \pi r^2 h$ of this lake in liters (L) is approximately:

- 10^{10} L
- 10^{12} L
- 10^{5} L
- 10^{7} L

Save & Next

Ques...

The dimensions of (area×time) is

- ML^{-3}
- L^2T
- LT
- ML^{-1}

B

Total questions in exam 25 | Answered 8

Question No. 2

A room's floor is made of 200 ceramic blocks, 30 cm × 20 cm each. The area of this room can be estimated as:

- 6 m^2
- 18 m^2
- 24 m^2
- 12 m^2

Question Nr

The frequency of radiation of cesium atoms is used to give the standard of

- inch
- kilometer
- second
- kilogram

Total questions in exam: 25 [Answered: 19

Que.

The top of a hill is 1120 m above the sea level. In order-of-magnitude this height can be written a

- 10^3 m
- 10^6 m
- 10^1 m
- 10^2 m

10^3 A

MKCL OES

Physics_Quiz1_Sem2_2020

Total questions in exam: 25 | Answered: 20

Question No. 24

A- A A+

The thickness of a 1200-page book is about 1.9 inches. The thickness of a single sheet of this book can be estimated as:

- 0.04 mm
- 0.01 mm
- 0.8 mm
- 0.08 mm

Save & Next

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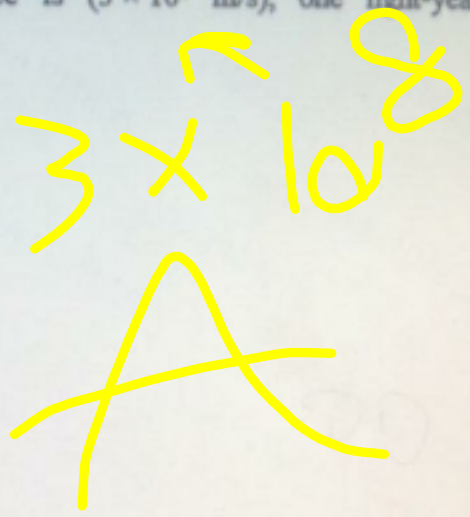
Question No. 21

A⁻ A A⁺

If one light-year (سنة ضوئية) is the distance light travels in 1 year, one year $\approx 3 \times 10^7$ s, and the speed of light in space is (3×10^8 m/s), one light-year is approximately: (distance = speed × time)

- 10^{16} m
- 10^{14} m
- 10^{10} m
- 10^{12} m



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Physics_Quiz1_Sem2_2020

Total questions in exam: 25 | Answered: 20

Question No. 16

Using an instrument with cm and mm divisions to measure a certain length, we get a value of 1450.2 cm. Our measurement can then be written as:

- L = 1450.2 ± 0.1 cm
- L = 1450.2 ± 0.2 cm
- L = 1450.2 ± 1.0 cm
- L = 1450.2 ± 0.01 cm

Save & Next

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Physics_Quiz1_Sem2_2020

Total questions in exam: 25 | Answered: 12

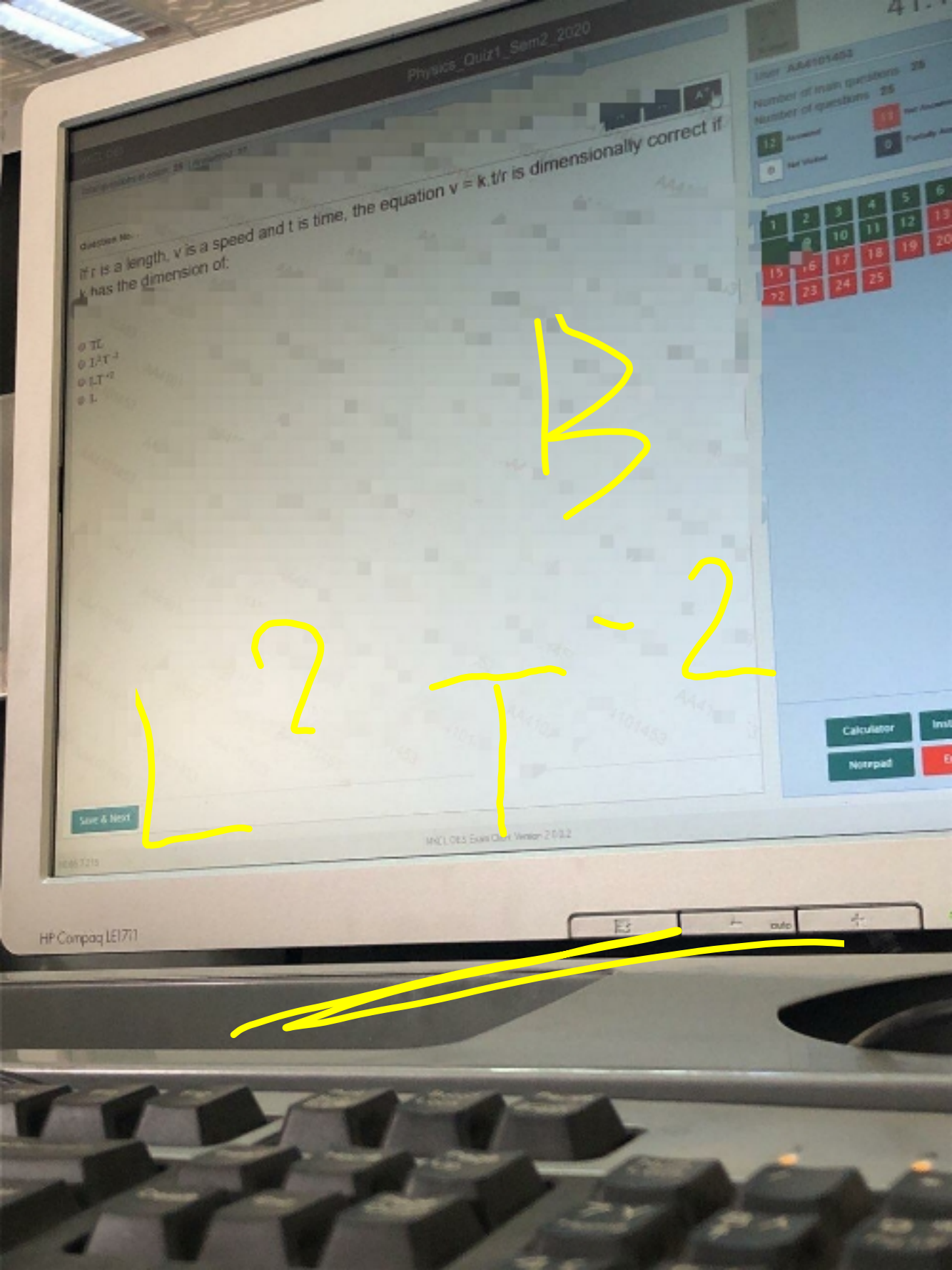
Quest.

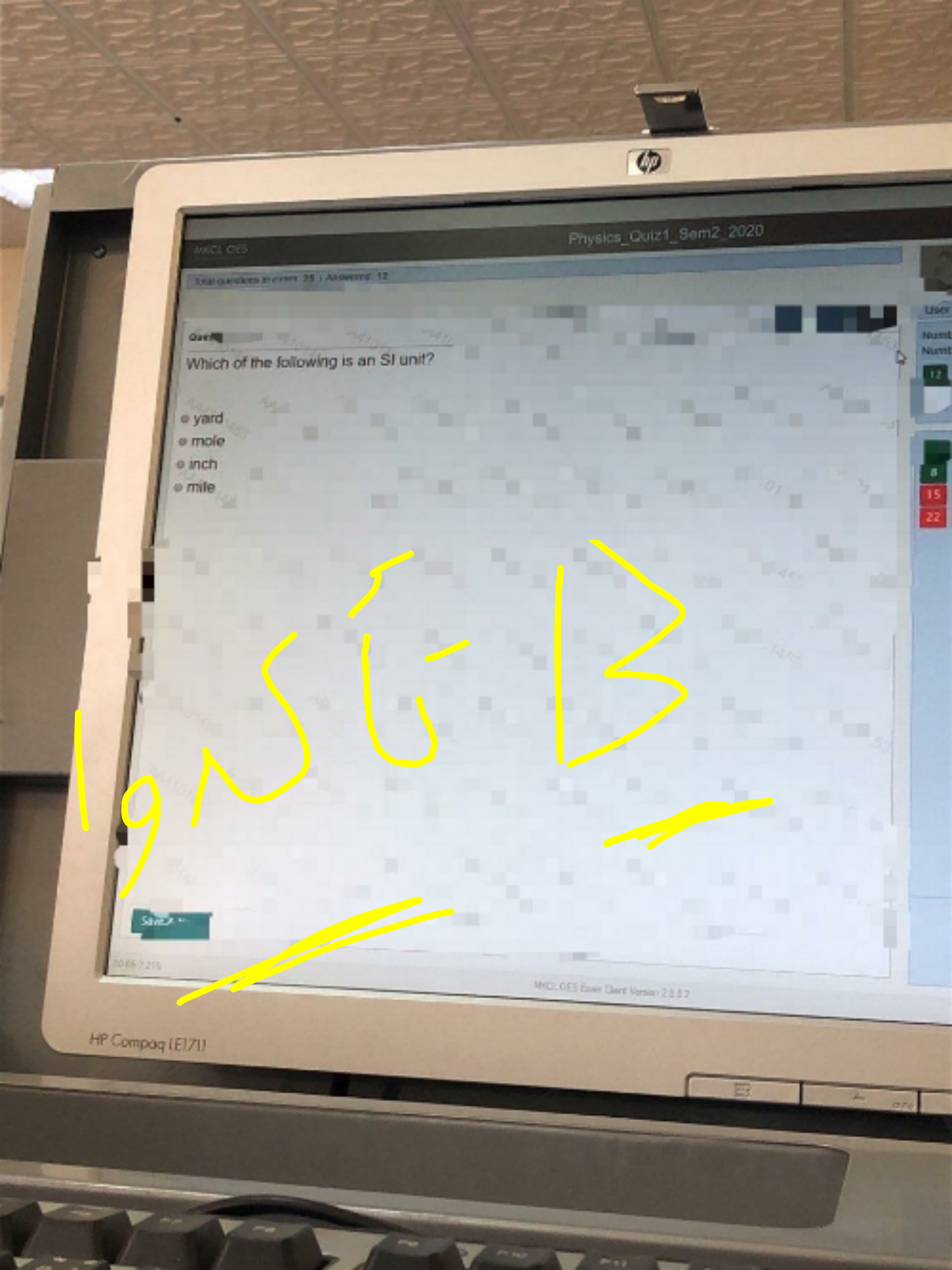
If **r** is a length, **A** is an area and **V** is a volume, the equation $\mathbf{A.r = r^n/V}$ is dimensionally correct if **n** equals:

- -6
- -5
- 6
- 5

If one light-year (سنة ضوئية) is the distance light travels in 1 year, one year $\approx 3 \times 10^7$ s, and the speed of light in space is (3×10^8 m/s), one light-year is approximately: (distance = speed × time)

- 10^{16} m
- 10^{14} m
- 10^{10} m
- 10^{12} m


Physics_Quiz1_Sem2_2020
If r is a length, v is a speed and t is time, the equation v = k.t/r is dimensionally correct if k has the dimension of:
Calculator
Notepad
Save & Next
B
L 2 T -2


Physics_Quiz1_Sem2_2020
Which of the following is an SI unit?
yard
mole
inch
mile
HP Compaq (E)71

Question No.

A room's floor is made of 200 ceramic blocks, 30 cm × 20 cm each. The area of this room can be estimated as:

- 6 m^2
- 24 m^2
- 12 m^2
- 18 m^2

Number of

12

0

1 2 8 9 15 16 22 23

If the diameter of a human hair is 110 micrometers, this equals to:
(Hint: 1 mm = 1000 micrometers)

- 1.1 mm
- 0.11 mm
- 0.011 mm
- 0.0011 mm

3

question No. 10

The dimensions of (length × speed/area) is

- T^{-1}
- T^{2}
- T^{0}
- T^{1}

T^{-1}

الجواب T^{-1}

The dimensions of (mass/volume) is:

- kg/m^3
- ML^3
- ML^{-3}
- g/cm^3

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Physics_Quiz1_Sem2_2020

Total questions in exam: 25 | Answered: 20

Question No. 18

A⁻ A A⁺

If r is a length, A is an area and V is a volume, the equation $A.r^2 = r^n/V$ is dimensionally correct if n equals:

- 7
- 5
- -5
- -7

Save & Next

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HP Compaq LE1711

Q[redacted]

A room's floor is made of 200 ceramic blocks, 30 cm × 20 cm each. The area of this room can be estimated as:

- 6 m^2
- 24 m^2
- 12 m^2
- 18 m^2

If **r** is a length, **A** is an area and **V** is a volume, the equation $A.r = r^n/V$ is dimensionally correct if **n** equals:

- -6
- -5
- 6
- 5

If r is a length, v is a speed and t is time, the equation $v = k.t/r$ is dimensionally correct if k has the dimension of:

- TL
- L^2T^{-2}
- LT^{+2}
- L

L^2T^{-2} B

A quantity that has a magnitude and no direction is called:

- scalar
- acceleration
- vector
- displacement

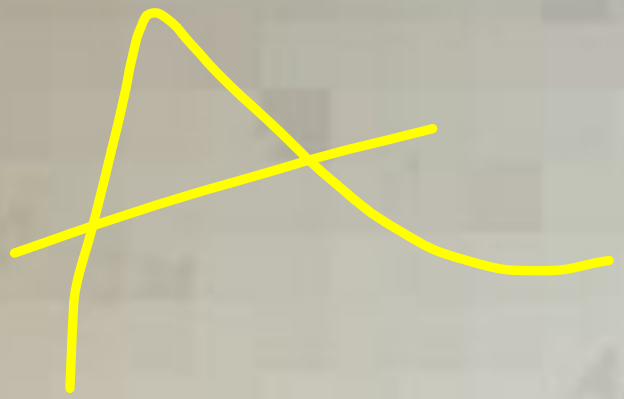
427 cm^2 to m^2: ($1\ m^2 = 10000\ cm^2$)

- 0.0427 m^2
- 42.7 m^2
- 0.427 m^2
- 4.27 m^2

Question No. --

If 1 μm = 1000 nm, then 100 nm equals:

- 0.1 μm
- 1 μm
- 0.01 μm
- 0.001 μm



Total questions in exam: 25 | Answered: 13

Question No. 2.

Assume that you were driving with a constant speed of exactly 120 km/h for 5 minutes. During this time your instantaneous speed is:

- 100 km/h
- 120 km/h
- unknown
- 120 m/s

Question No. 25

An airplane of velocity (v1 = 800 km/h, north) faces a wind of velocity (v2 = 60 km/h, west). The resultant velocity of the plane is:

- (802 km/h, south of west)
- (740 km/h, south of west)
- (802 km/h, north of west)
- (740 km/h, north of west)

Total questions in exam: 25 | Answered: 12

Question No. --

When two vectors do not act in exactly the same or opposite direction, their resultant can be found using:

- Right-hand theorem
- Circle rule
- Area rule
- Parallelogram rule

Total questions in exam: 25 | Answered: 6

Question

When we use a protractor of 1° smallest divisions, the uncertainty is approximately equal to

- 0.1°
- 5°
- 1°
- 10°

Question No. 16

A 7.5-g diamond is weighed on a scale of 0.1-g smallest division. The weight that is correct within the scale's precision is:

- 7.2 g
- 6.7 g
- 7.4 g
- 7.9 g

A cylinder of platinum-iridium, kept at the Bureau of weights and Measures in France, gives the standard of:

- kilogram
- pound
- meter
- second

The distance from Madinah to Riyadh is measured to be accurately 830 km. The number of significant figures in this measurement is:

- 1
- 3
- 2
- 4

For n1 = 0.6789, n2 = 0.067890, n3 = 0.607890, and n4 = 607.89, the number with equal significant figures are:

- n1 and n2
- n2 and n4
- n3 and n4
- n1 and n3

Question

The dimensions of (time/volume) is:

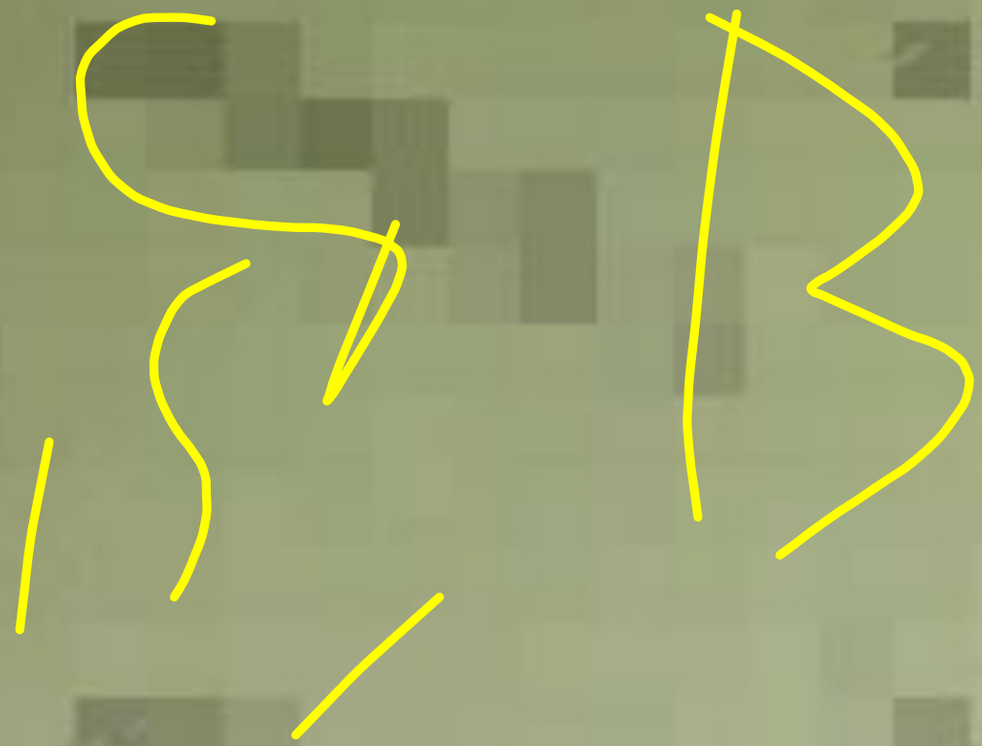
- TL^{-2}
- TL^{-3}
- TL^{3}
- TL^{-1}

If r is a length, A is an area and V is a volume, the equation $A = r^{1-s}/V$ is dimensionally correct if s equals:

- -4
- -5
- 4
- 5

The dimensions of (mass/speed) is:

- $ML^{-1}T$
- ML^{-3}
- ML
- $ML^{-2}T$

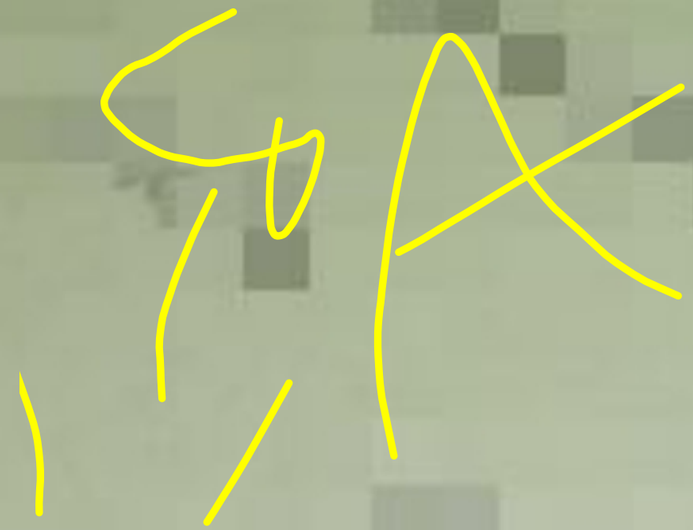


Three forces are: (F1 = 63 N, east), (F2 = 42 N, west) & (F3 = 13 N, west).
Their resultant (R) is:

- 79 N, east
- 24 N, east
- 8 N, west
- 8 N, east

A quantity that has a magnitude and no direction is called:

- vector
- scalar
- acceleration
- displacement



An airplane of velocity (v1 = 800 km/h, north) faces a wind of velocity (v2 = 60 km/h, west). The resultant velocity of the plane is:

- (802 km/h, north of west)
- (802 km/h, south of west)
- (740 km/h, south of west)
- (740 km/h, north of west)

When two vectors do not act in exactly the same or opposite direction, their resultant can be found using:

- Area rule
- Right-hand theorem
- Circle rule
- Parallelogram rule

Significant figures are the digits in a number that are:

- unknown
- uncertain
- not important
- reliably known

The frequency of radiation of cesium atoms is used to give the standard of:

- kilogram
- inch
- second
- kilometer

Knowing that 1 ft = 12 in. and 1 yard (yd) = 3 ft, how many yards are there in 720 in.?

- 20 yd
- 36 yd
- 200 yd
- 12 yd

The number of decimal places in (0.0100) is:

- 3
- 2
- 4
- 5

Of the following SI units, the only derived unit is

- [redacted]
- newton
- meter
- kelvin

13

An object starts moving uniformly from rest in straight line and reaches 30 m/s in 5 seconds. Its acceleration is:

- 6 m/s/s
- 25 m/s/s
- 27 m/s/s
- 30 m/s/s

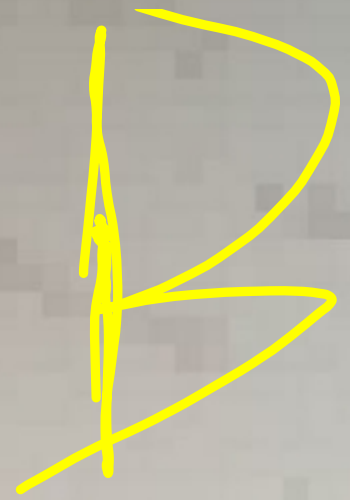
The dimensions of (length × speed/area) is

- T^{-1}
- T^{3}
- T^{4}
- T^{2}

Question

Assume that you were driving with a constant speed of exactly 120 km/h for 5 minutes. During this time your instantaneous speed is:

- 100 km/h
- 120 km/h
- unknown
- 120 m/s

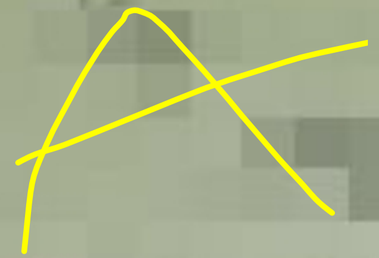


If r is a length, v is a speed and t is time, the equation $v = t^2/k + r/t$ is dimensionally correct if k has the dimension of:

- LT^{+2}
- TL
- $L^{-1}T^{3}$
- L

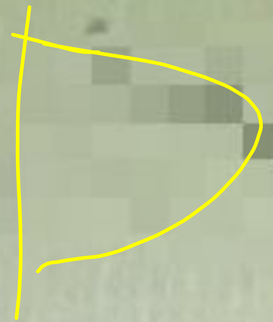
The percent uncertainty in the measurement $\bar{m} = 22.5 \pm 0.5$ g is:

- 2%
- 1%
- 5%
- 3%



An atom's radius is 10^{-10} m. This equals, (1 nano = 10^{-9}, 1 micro (μ) = 10^{3} nano, 1m = 10^{6} μm):

- 1 nm
- 1 μm
- 0.1 μm
- 0.1 nm



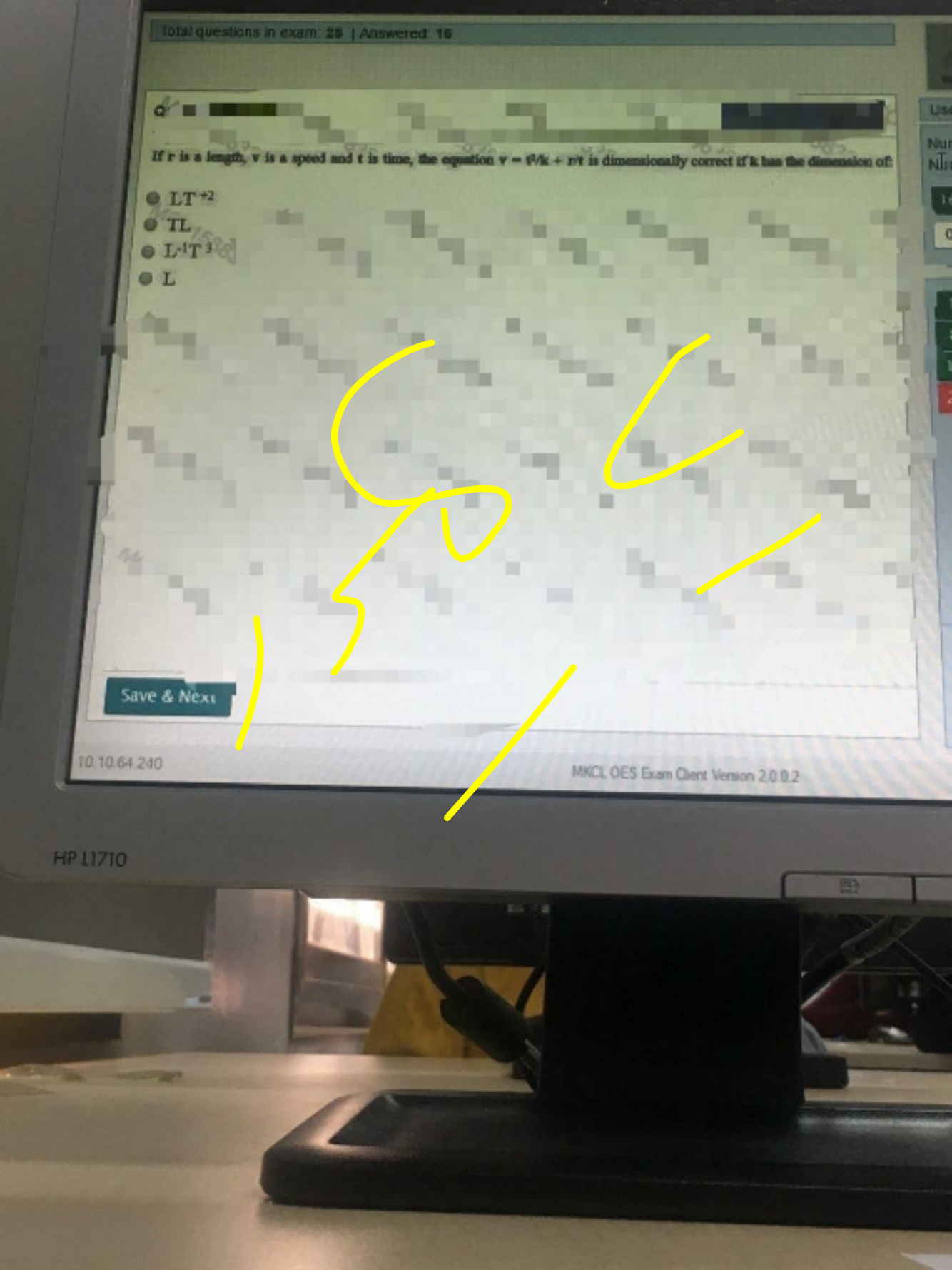
An object starts moving uniformly from rest in straight line and reaches 30 m
seconds. Its acceleration is:

6 m/s/s
25 m/s/s
27 m/s/s
0 m/s/s

1 SD A

A concentration of 114 micrograms/milliliters (114 µg/mL) is equivalent to:

- 0.114 g/L
- 0.0114 g/L
- 114 g/L
- 1.14 g/L


Total questions in exam: 25 | Answered: 16
If r is a length, v is a speed and t is time, the equation v = t²/k + r/t is dimensionally correct if k has the dimension of:
LT +2
TL
L-1T 3
L
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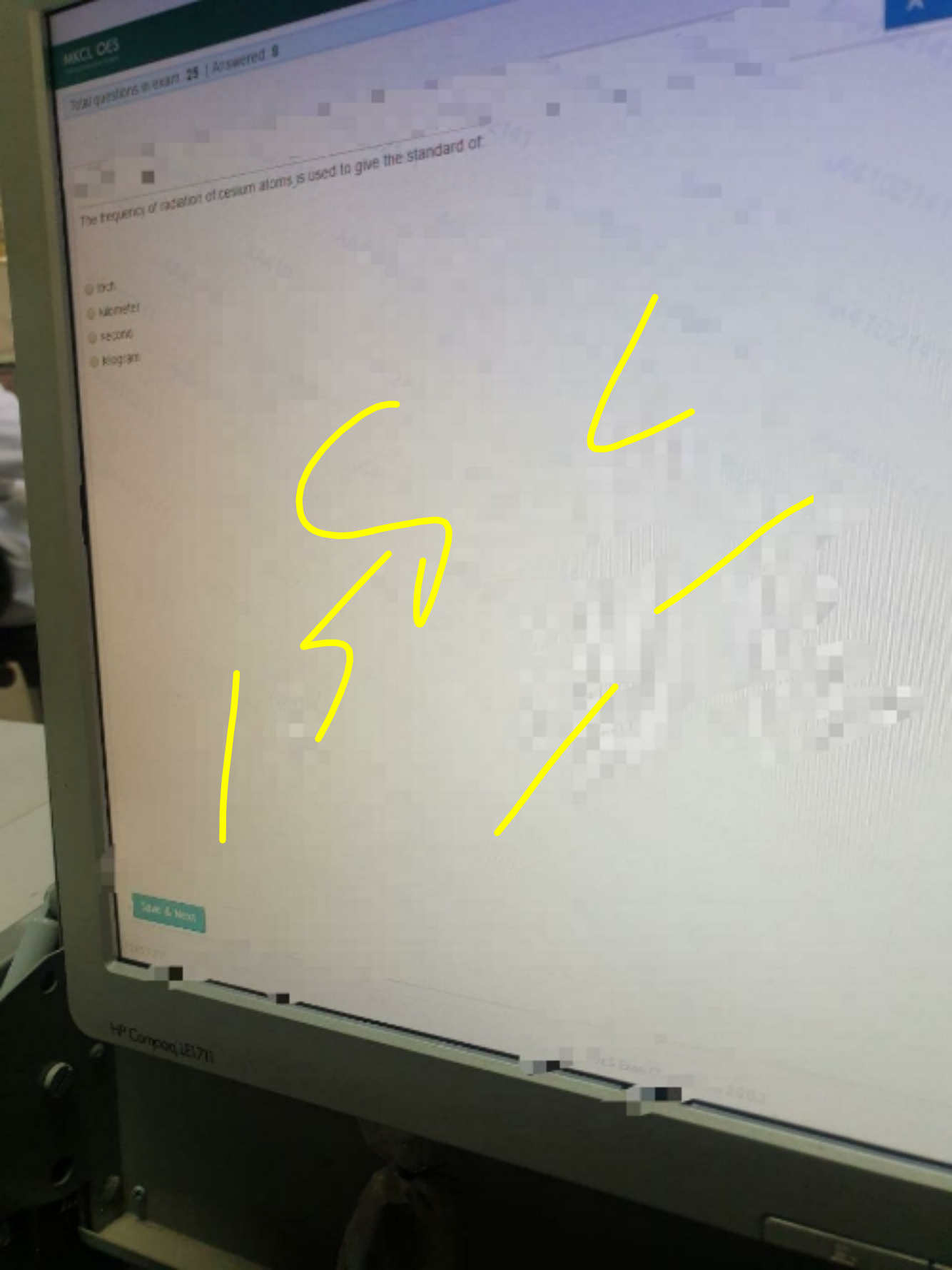
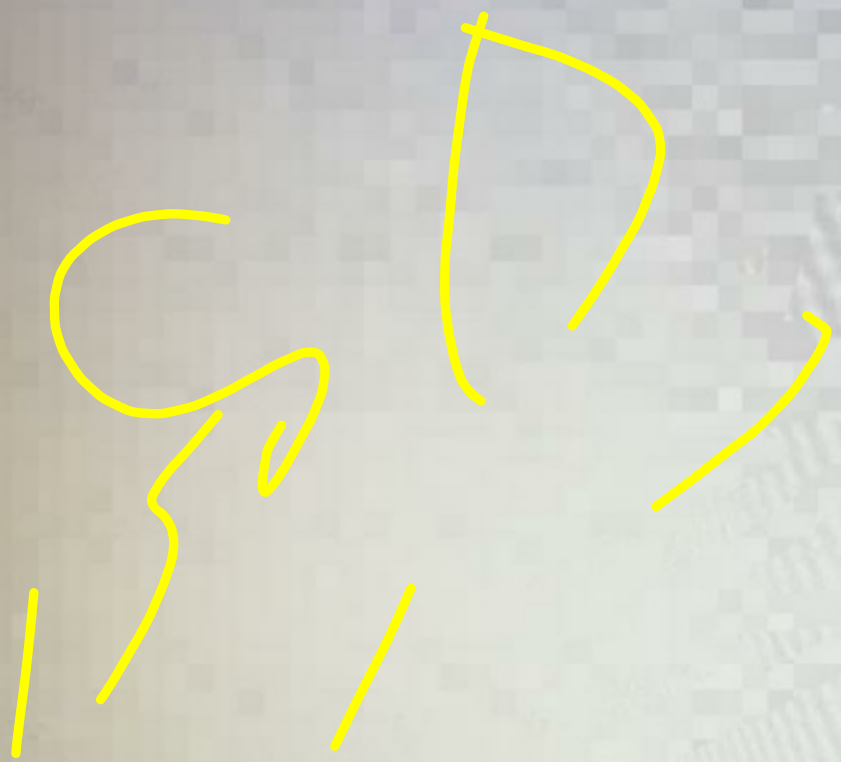

MKCL OES
Total questions in exam: 25 | Answered: 9
The frequency of radiation of cesium atoms is used to give the standard of:
inch
kilometer
second
kilogram
Save & Next
HP Compaq LE1711

Question No. 6

The percent uncertainty in the measurement m = 22.5 ± 0.5 g is:

- 1%
- 3%
- 5%
- 2%



Total questions in exam: 25 [Answ

Question No. 1

The dimensions of (area×time) is:

- ML^{-3}
- L^2T
- LT
- ML^{-1}

B L^2T

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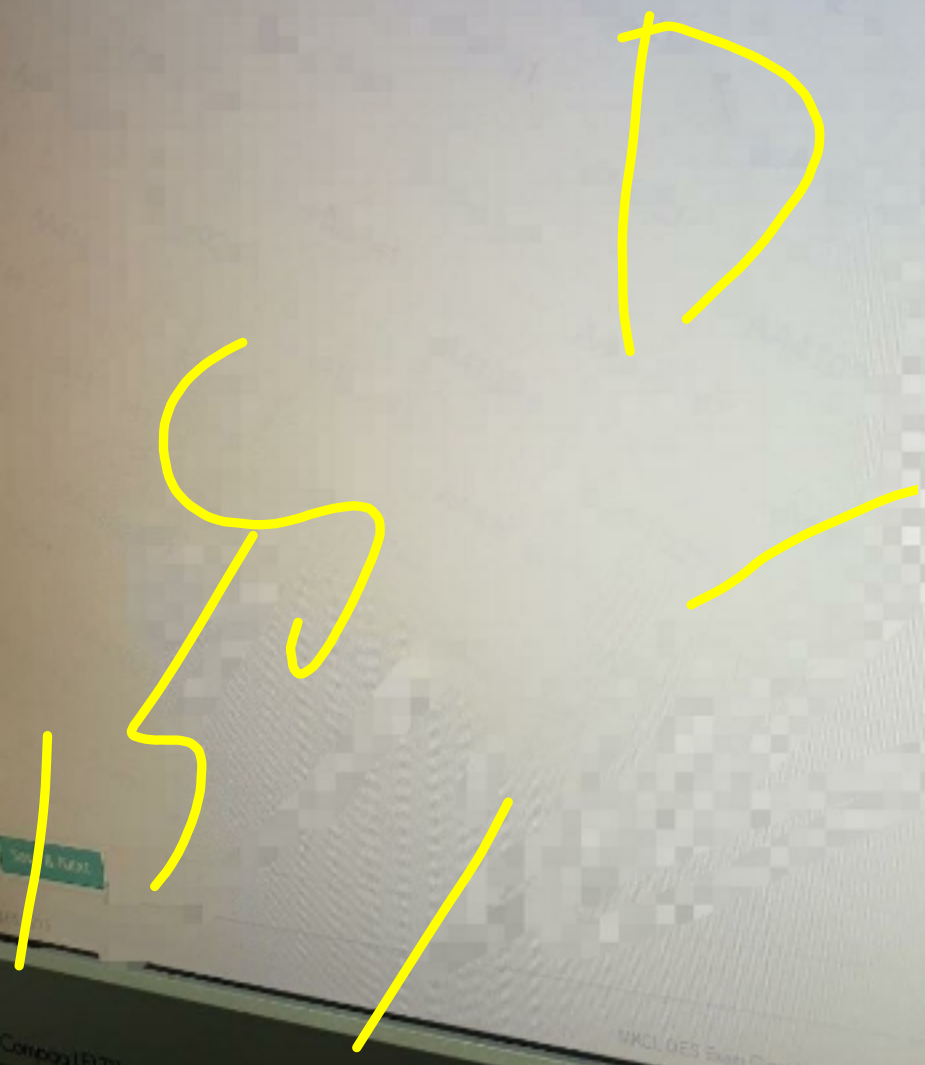
HP Compaq LE1711

Total questions in exam: 25 | Answered: 8

Question No. 2

A room's floor is made of 200 ceramic blocks, 30 cm x 20 cm each. The area of this room can be estimated as:

- 6 m^2
- 18 m^2
- 24 m^2
- 12 m^2



Physics_Quiz1_Sem2_2020

Question No. 10

An object is pulled vertically up with two ropes. If the tension in the ropes are 330 N and 326 N, its horizontal component is:

- 0 N
- 330 N
- 4 N
- 656 N

Save & Next

Physics_Quiz1_Sem2_2020

MKCL OES

Total questions in exam: 25 | Answered: 8

A⁻ A A⁺

Question No. 9

Four forces are: (F1 = 70 N, up), (F2 = 110 N, up), (F3 = 30 down) and (F4 = 50 down). The magnitude of their resultant (R) is:

- 0 N
- 150 N
- 100 N
- 200 N

B

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MKCL OES

Total questions in exam: 25 | Answered: 8

Que[redacted]

In scientific notation we write the number 1230 as:

- 123×10^3
- 1.23×10^4
- 1.23×10^3
- 0.123×10^3

A

Save & Next

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Physics_Quiz1_Sem2_2020

MICL OES

Total questions in exam: 25 | Answ

Question No. 1

"Good precision" is an instrument's ability to give measurements that are:

- random
- repeatedly far from each other
- repeatedly close to each other
- always scattered

Save & Next

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Physics_Qu

A- A

MKCL OES

Total questions in exam: 25 | Answered: 8

Question No. 7

Consider that the average age of a human is 20 years and on average, the heart beats once every second. During this lifetime, the heart approximately beats

- 200 million beats
- 2 billion beats
- 20 billion beats
- 20 million beats

Save & Next

MKCL OES Exam Client Version 2.0.0.2

1 उत्तर

2 Billion

2 x 365 x 24 x 60 x 60

MKCL OES

Total questions in exam: 25 | Answered: 8

427 cm^2 to m^2: (1 m^2 = 10000 cm^2)

- 0.0427 m^2
- 4.27 m^2
- 42.7 m^2
- 0.427 m^2

Physics_Quiz1_Sem2_2020

MKCL OES

Total questions in exam: 25 | Answered: 8

Question No. 12

If r is a length, v is a speed and t is time, the equation $v = k.r/t^2$ is dimensionally correct if k has the dimension of:

- TL
- L
- T
- L/T

Save & Next

User

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MKCL OES

Total questions in exam: 25 | Answered: 8

Question ...

A length of 997.8 mm is equal to.

- 0.9978 m
- 99.78 m
- 0.09978 m
- 9.978 m

Save & Next

HP Compaq LE1711

MKCL OES

Physics_Qu

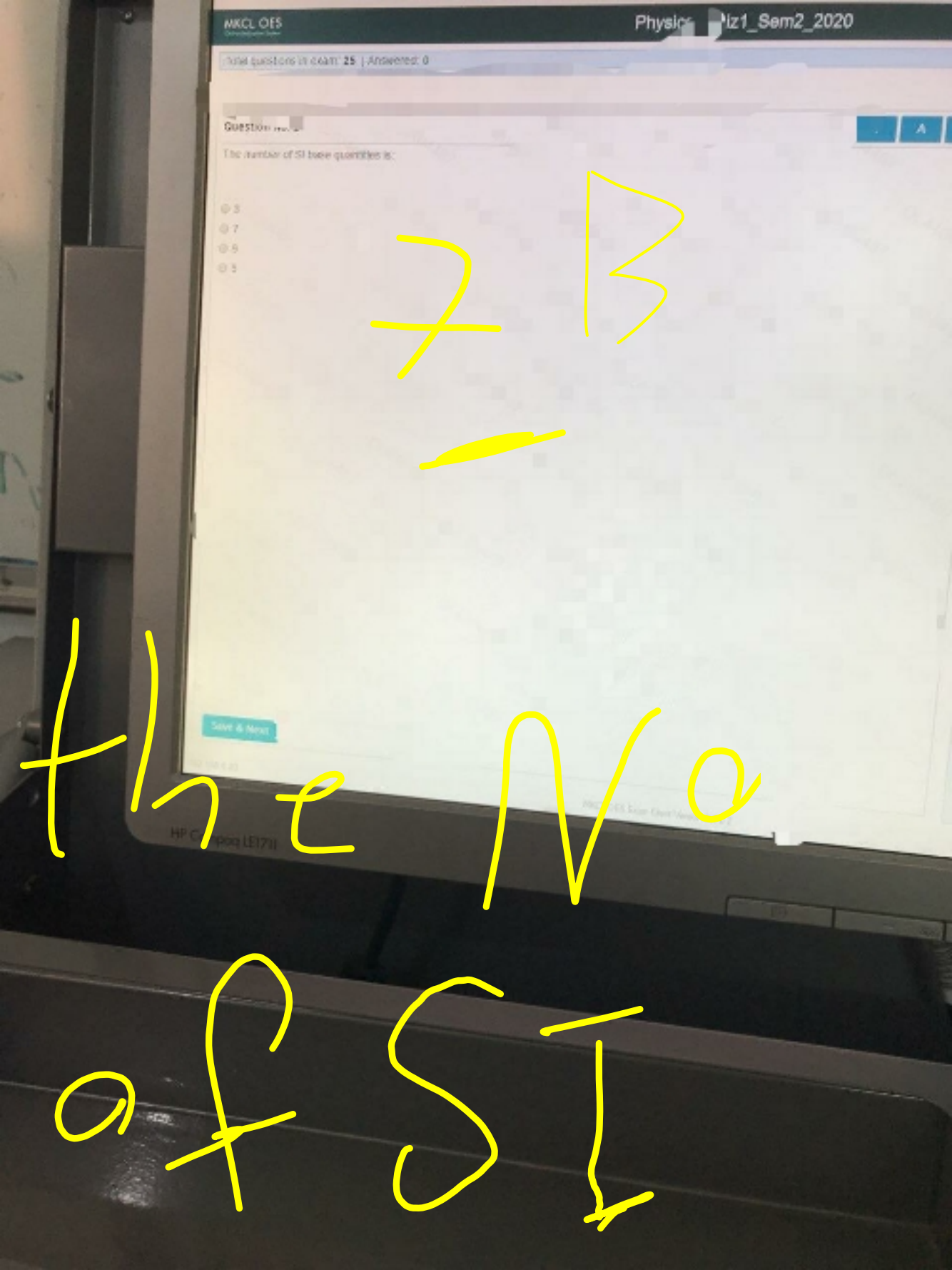
Total questions in exam: 25 | Answered: 8

Question No. [redacted]

The number of significant figures in the numbers A= 7700 and B = 0.00770 are, respectively:

- 4 for A and 4 for B.
- 4 for A and 2 for B.
- 4 for A and 5 for B.
- 2 for A and 3 for B.

Save and Next

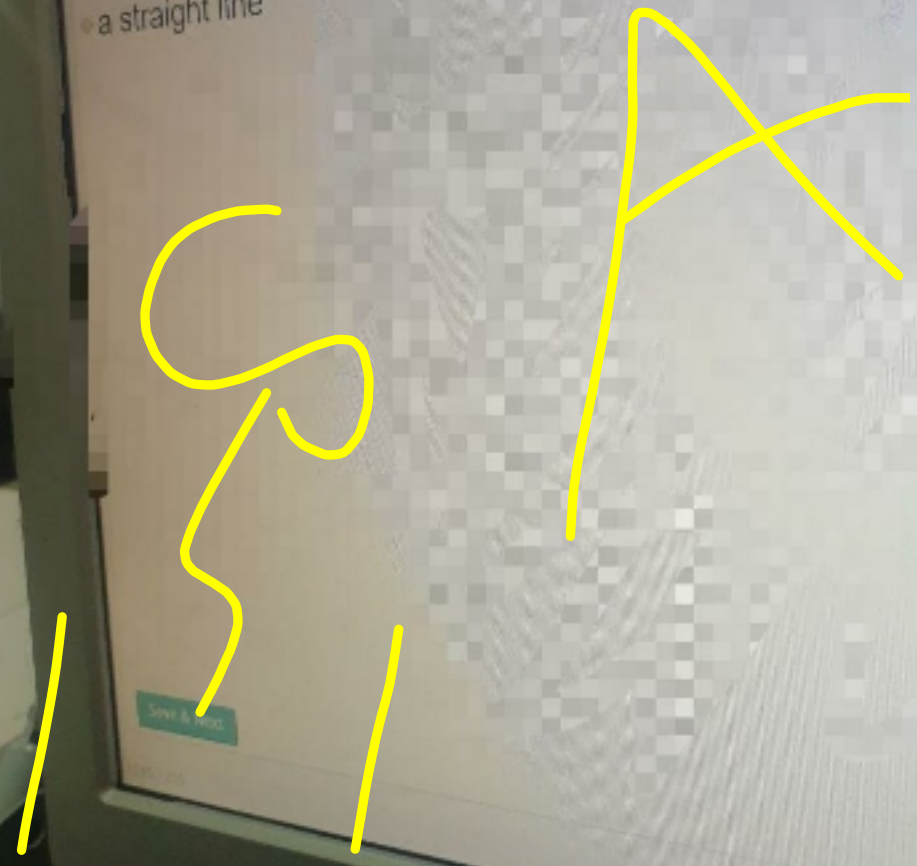

MKCL OES
Physics
Total questions in exam: 25 | Answered: 0
Question
The number of SI base quantities is:
7
3
Save & Next
the No
of SI

MCQ QES

Total questions in exam: 25 | Answered: 0

A vector is represented by:

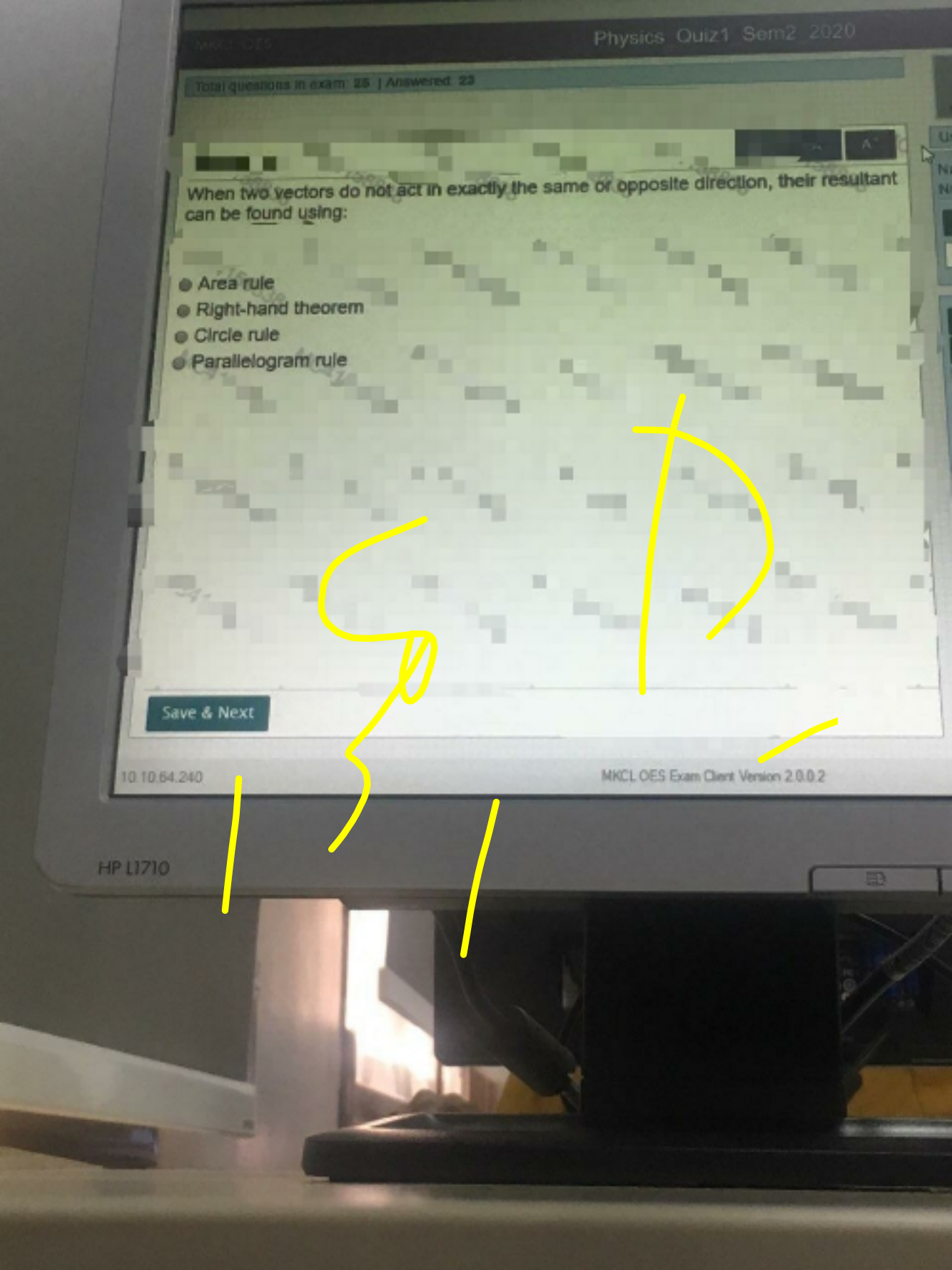
- an arrow
- a square
- a triangle
- a straight line

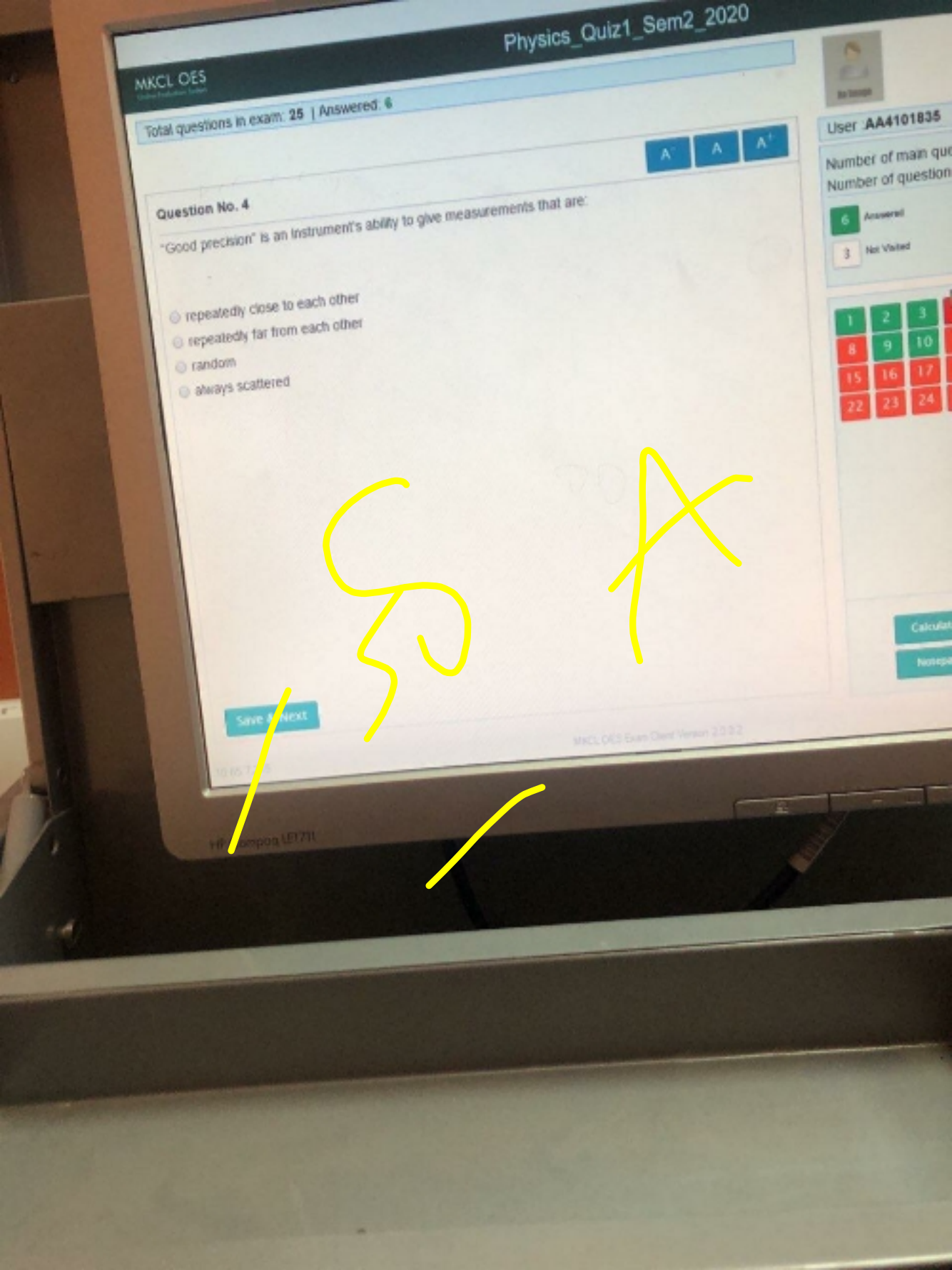


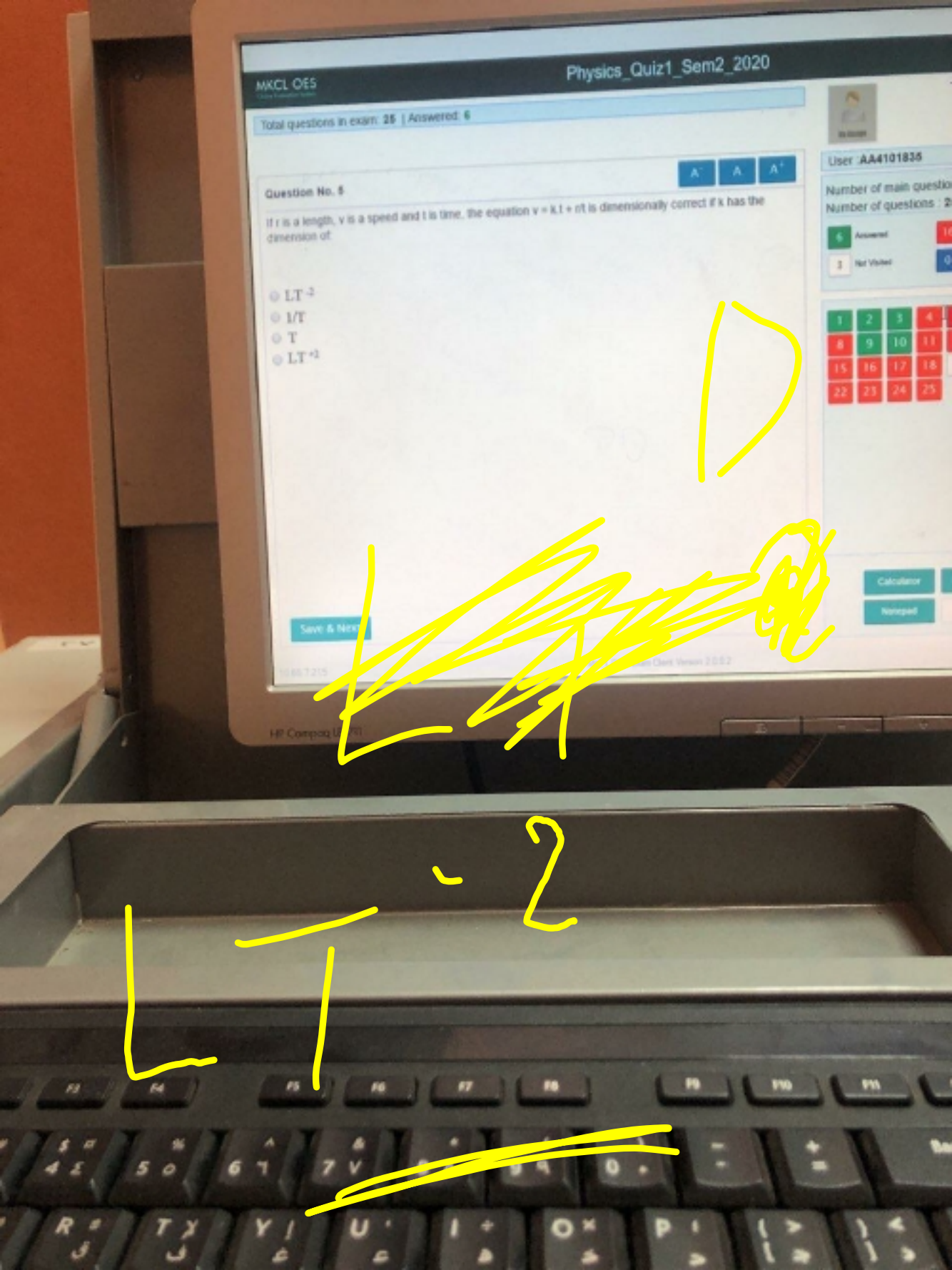
Save & next

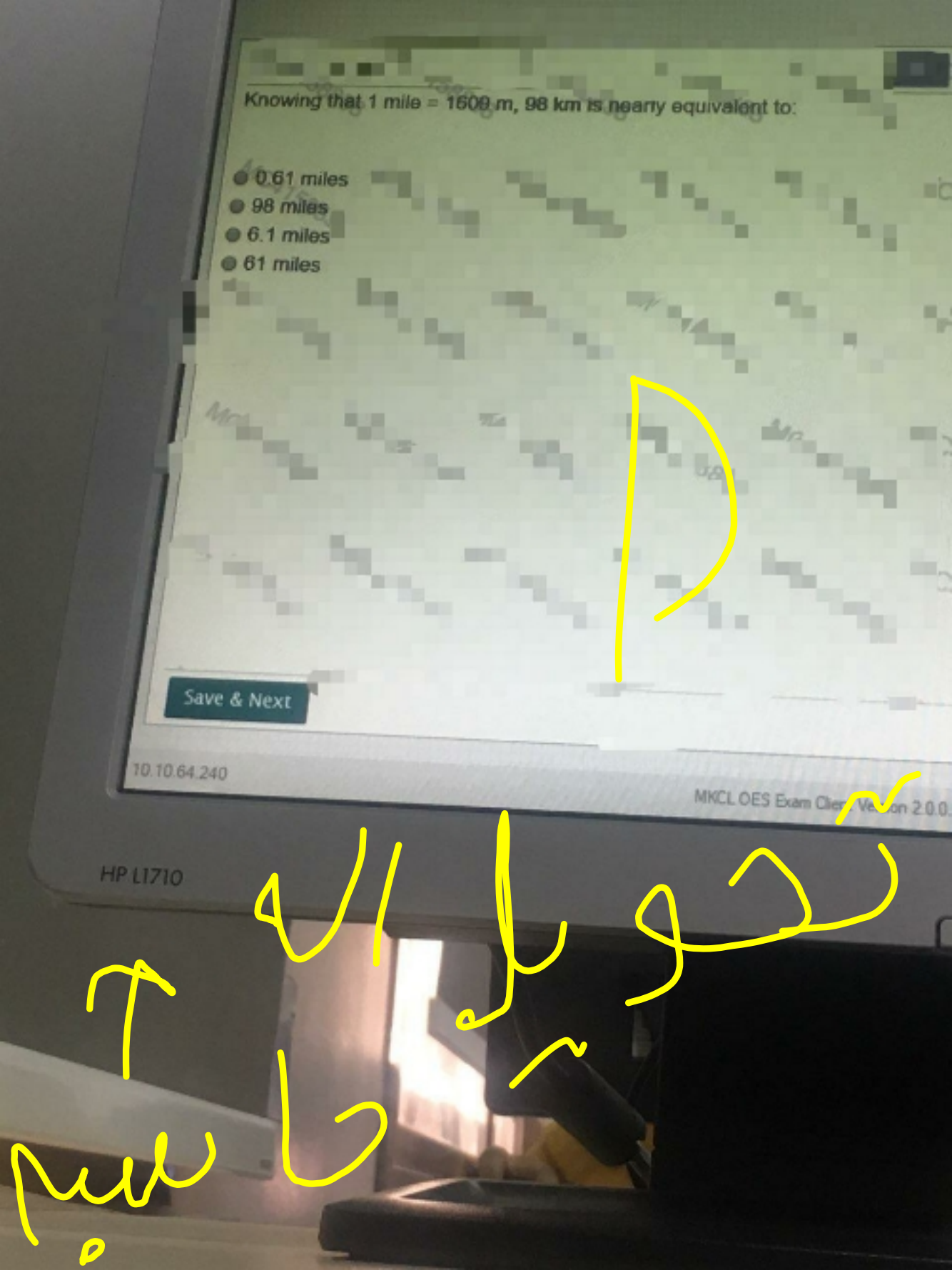
HP CompaqLE1711

MCQ QES Beta One 4 Version – v1.0.2


Physics Quiz1 Sem2 2020
Total questions in exam: 25 | Answered: 23
When two vectors do not act in exactly the same or opposite direction, their resultant can be found using:
Area rule
Right-hand theorem
Circle rule
Parallelogram rule
Save & Next
10.10.64.240
MKCL OES Exam Client Version 2.0.0.2
HP L1710


MKCL OES
Physics_Quiz1_Sem2_2020
Total questions in exam: 25 | Answered: 6
User :AA4101835
Question No. 4
"Good precision" is an instrument's ability to give measurements that are:
repeatedly close to each other
repeatedly far from each other
random
always scattered
Number of main que
Number of question
6 Answered
3 Not Visited
1 2 3
8 9 10
15 16 17
22 23 24
Save & Next
MKCL OES Exam Client Version 2.0.9.2


MKCL OES
Physics_Quiz1_Sem2_2020
Total questions in exam: 25 | Answered: 6
Question No. 5
If r is a length, v is a speed and t is time, the equation v = k.t + nt is dimensionally correct if k has the dimension of:
LT -2
1/T
T
LT +1
User :AA4101835
Number of main questio
Number of questions : 2
6
Answered
1
Not Visited
1 2 3 4
8 9 10 11
15 16 17 18
22 23 24 25
Calculator
Notepad
Save & Next
D
LT-2


Knowing that 1 mile = 1609 m, 98 km is nearly equivalent to:
0.61 miles
98 miles
6.1 miles
61 miles
D
Save & Next
10.10.64.240
MKCL OES Exam Client Version 2.0.0
HP L1710
تحویل به تا سیم

Considering order of magnitude, the number 11201 can be written as:

- 10^4
- 10^3
- 10^6
- 10^5

Save & Next

10.10.64.240

MKCL OES Exam Client Version 2.0.0.2

HP L1710

Total questions in

In scientific notation we write the number 1230000 as:

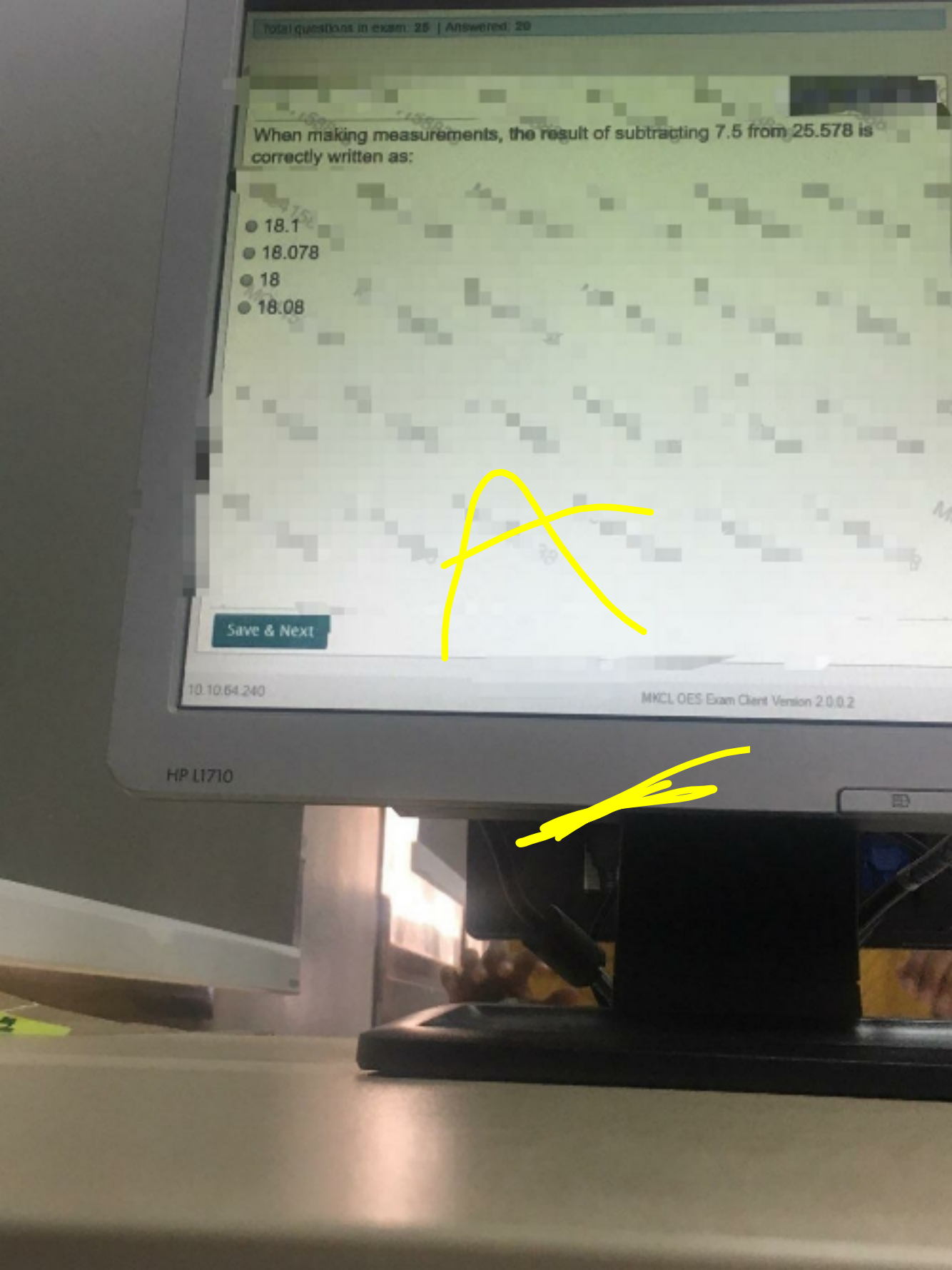
- 1.23×10^6
- 0.123×10^6
- 12.3×10^6

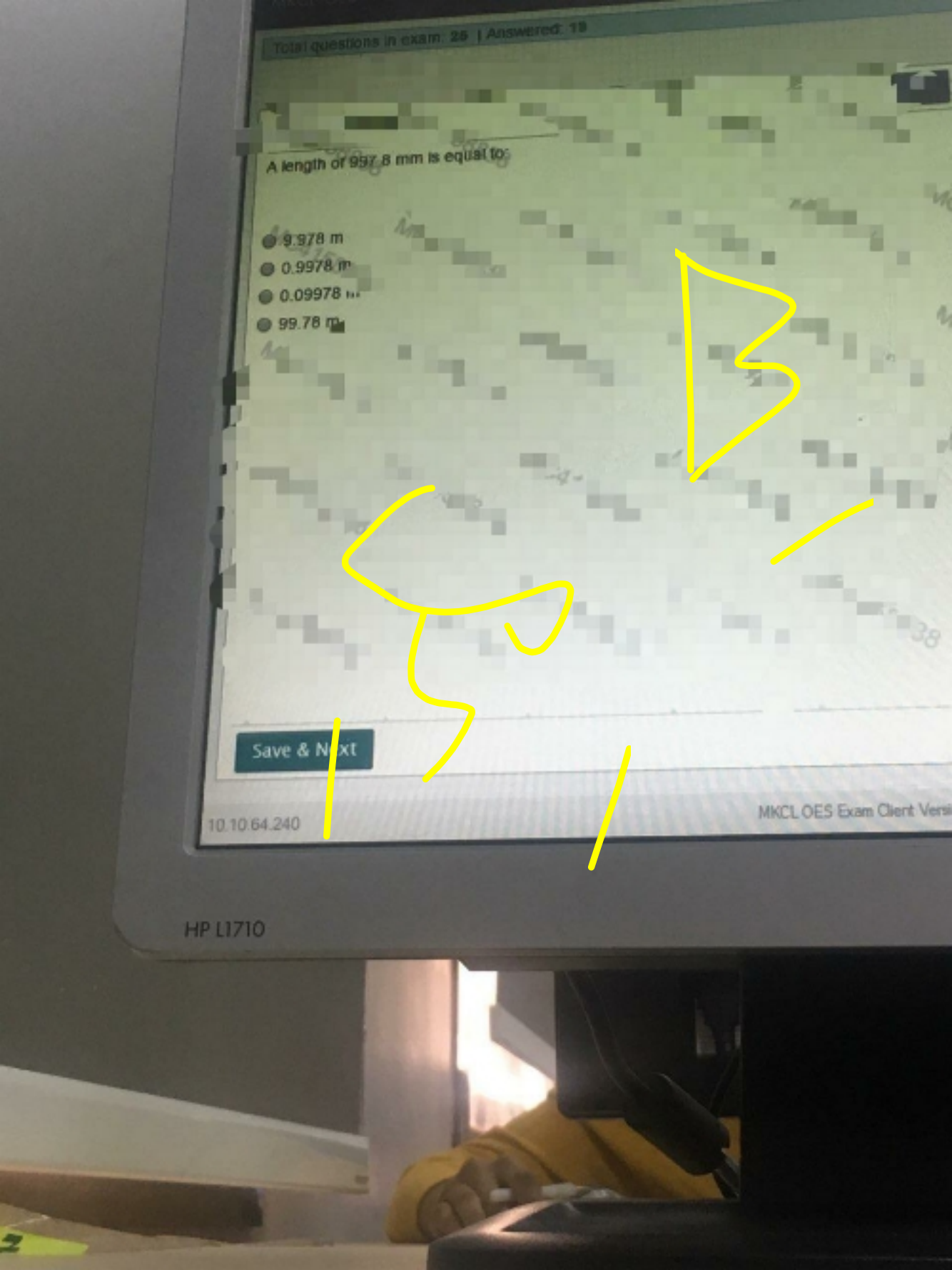
Save & Next

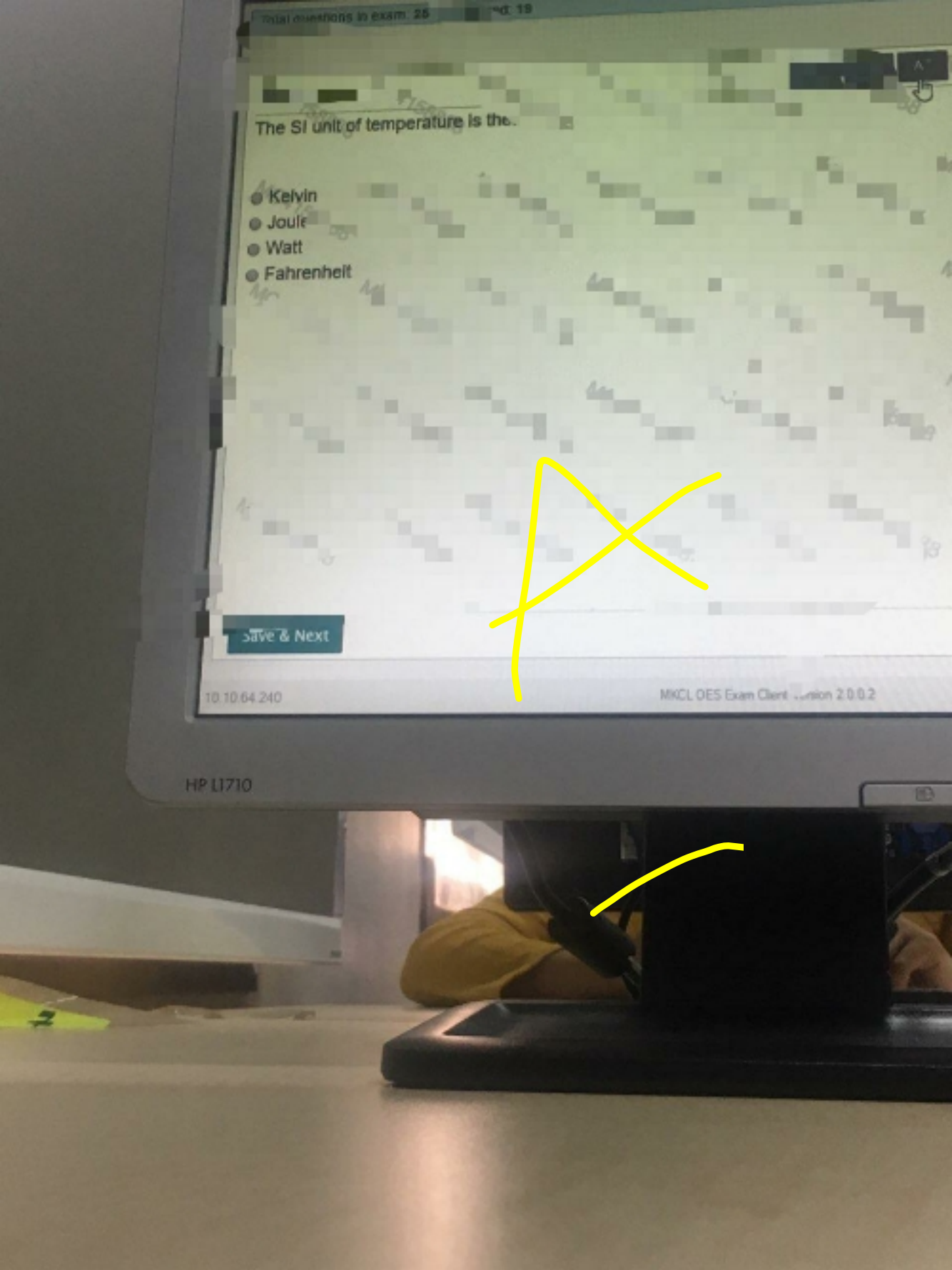
10.10.64.24

MKCL OES Exam Client Version

HP L1710


Total questions in exam: 25 | Answered: 20
When making measurements, the result of subtracting 7.5 from 25.578 is correctly written as:
18.1
18.078
18
18.08
Save & Next
10.10.64.240
MKCL OES Exam Client Version 2.0.0.2
HP L1710

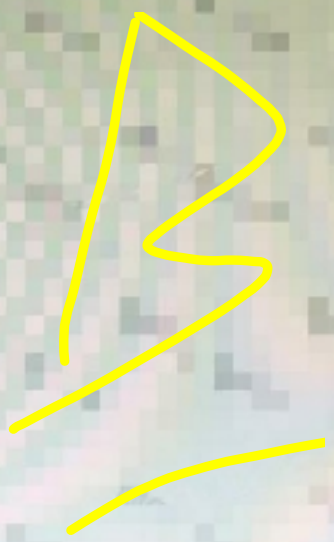

Total questions in exam: 25 | Answered: 19
A length of 997.8 mm is equal to:
9.978 m
0.9978 m
0.09978 m
99.78 m
Save & Next
10.10.64.240
MKCL OES Exam Client Versi
HP L1710


The SI unit of temperature is the.
Kelvin
Joule
Watt
Fahrenheit
Save & Next
10.10.64.240
HP L1710

Ques

Three forces are: (F1 = 134 N, right), (F2 = 17 N, left) and (F3 = 43 N left). The magnitude of their resultant (R) is:

- 160 N
- 74 N
- 210 N
- 17 N



Save & Next

10.10.64.240

MKCL OES Exam Client Version 2.0.0.2

HP L1710

The number of significant figures in the numbers A= 7700 and B = 0.00770 are, respectively:

- 4 for A and 4 for B.
- 4 for A and 2 for B.
- 4 for A and 5 for B.
- 2 for A and 3 for B.

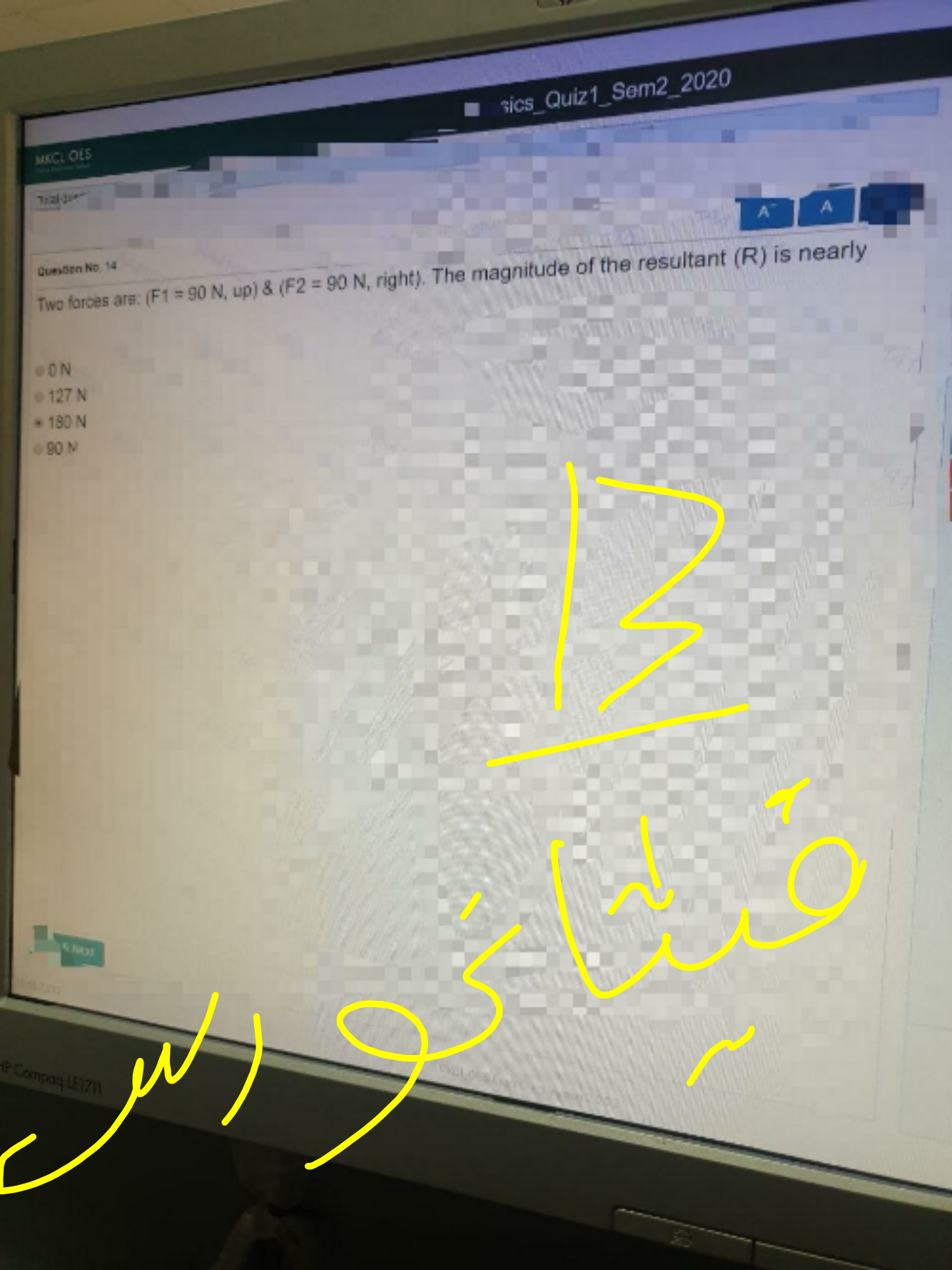
sics_Quiz1_Sem2_2020

MACL OES

Question No. 14

Two forces are: (F1 = 90 N, up) & (F2 = 90 N, right). The magnitude of the resultant (R) is nearly

- 0 N
- 127 N
- 180 N
- 90 N



Physics_Quiz1_Sem2_2020

MACL OES

Total questions in exam: 25 | Answered: 8

Question No. 14

Two forces are: (F1 = 90 N, up) & (F2 = 90 N, right). The magnitude of the resultant (R) is nearly:

- 0 N
- 127 N
- 180 N
- 90 N

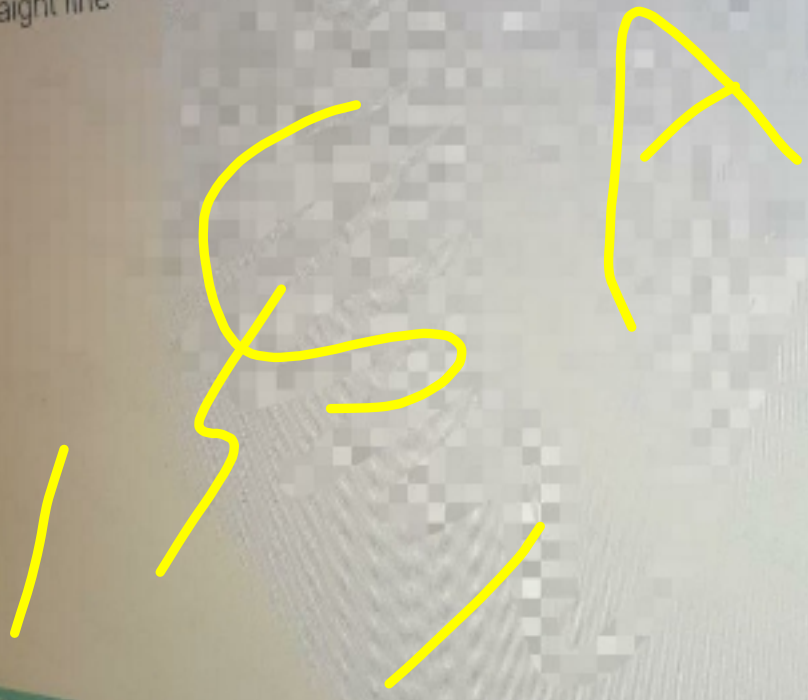
MCQ QES

Total questions in exam: 25 | Answered: 0

Question

A vector is represented by:

- an arrow
- a square
- a triangle
- a straight line



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MCQ QES Exam Client Version 2.0.0.2

Physics_Quiz1_Sem2_2020

MACL OES

Total questions in exam: 25 | Answered: 8

Question No. 14

Two forces are: (F1 = 90 N, up) & (F2 = 90 N, right). The magnitude of the resultant (R) is nearly:

- 0 N
- 127 N
- 180 N
- 90 N

Save & Next

Physics_Quiz1_Sem2_2020

MACLOES

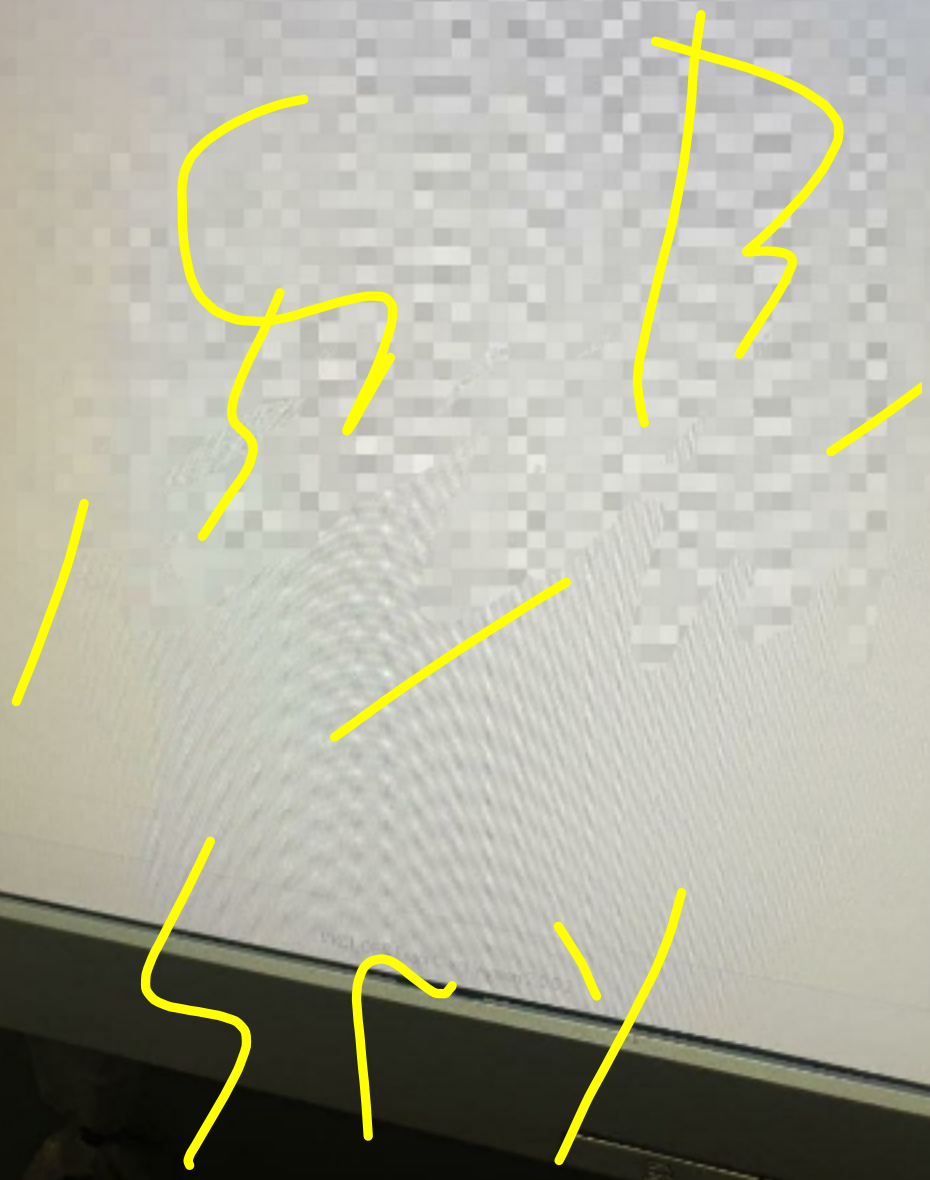
Total questions in exam: 25 | Answered: 8

A⁻ A A⁺

Question No:

Two forces are: (F1 = 90 N, up) & (F2 = 90 N, right). The magnitude of the resultant (R) is nearly

- 0 N
- 127 N
- 180 N
- 90 N



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MKCL OES

Total questions in exam: 25 | Answered: 8

A quantity that has a magnitude and no direction is called:

- scalar
- displacement
- acceleration
- vector

A

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Physics_Quiz1_Sem2_2020

MKCL OES

Total questions in exam: 25 | Answered: 8

If r is a length, v is a speed and t is time, the equation $v = k_1 r/t^2$ is dimensionally correct if k has the dimension of:

- TL
- L
- T
- L/T

Save & Next

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8

22

HP Compaq (E17)

Physics_Quiz1_Sem2_2020

MKCL OES

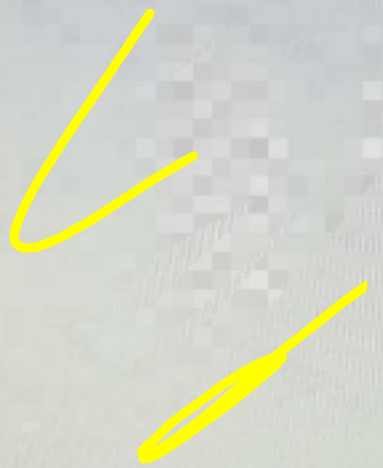
Total questions in exam: 25 | Answered: 8

Question No. 11

"Good precision" is an instrument's ability to give measurements that are:

- random
- repeatedly far from each other
- repeatedly close to each other
- always scattered

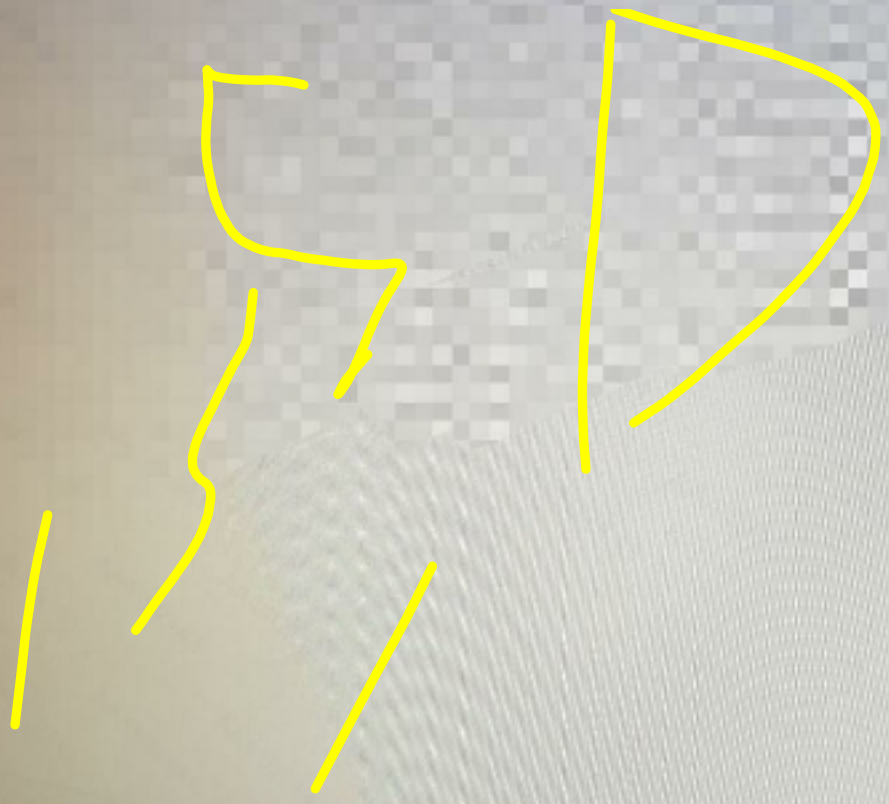
Save & Next

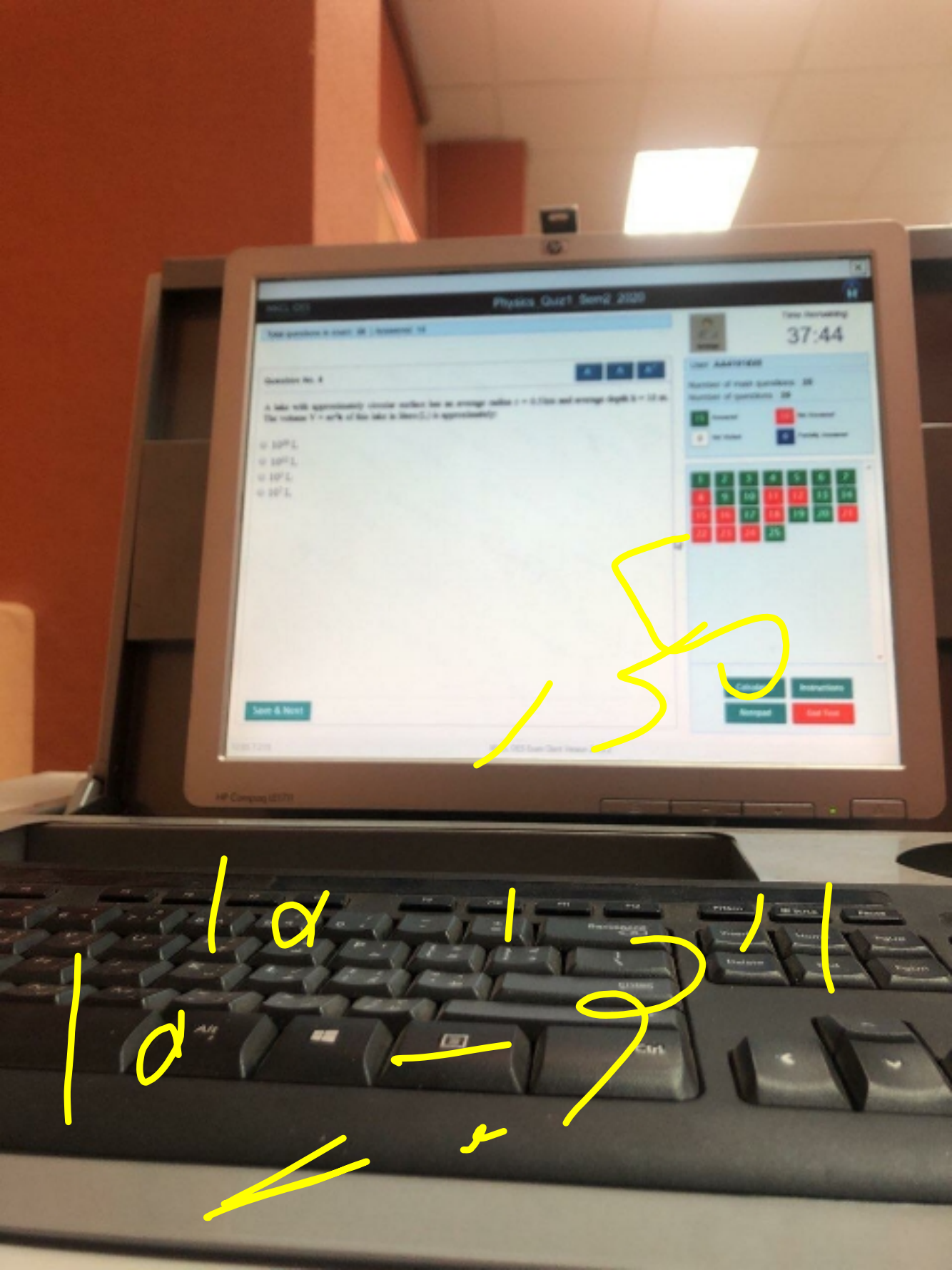


Physics_Quiz

A train travelling in a straight line at an average speed of 150 km/h for 40 min covers a distance of:

- 3.75 km
- 225 km
- 150 km
- 100 km




Physics Quiz1 Sem2 2020
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MCQ: OES

Total questions in exam: 25 | Answered: 8

Question No. 24

The top of a hill is 1120 m above the sea level. In order-of-magnitude this height can be written as:

- 10^3 m
- 10^5 m
- 10^4 m
- 10^2 m

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Save & Next

HP Compaq LE1711

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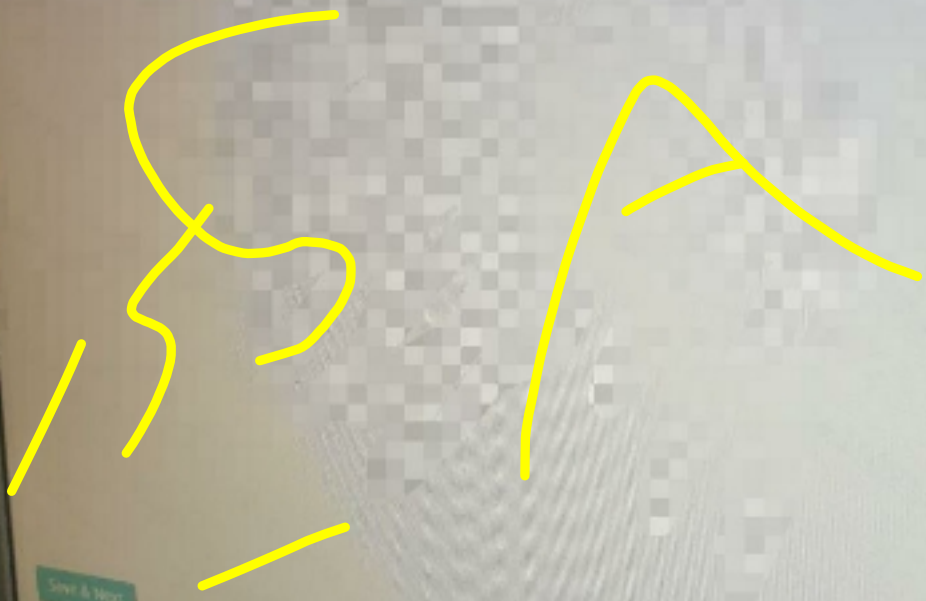
MCQ QES

Total questions in exam: 25 | Answered: 0

A vector is represented by.

- an arrow
- a square
- a triangle
- a straight line



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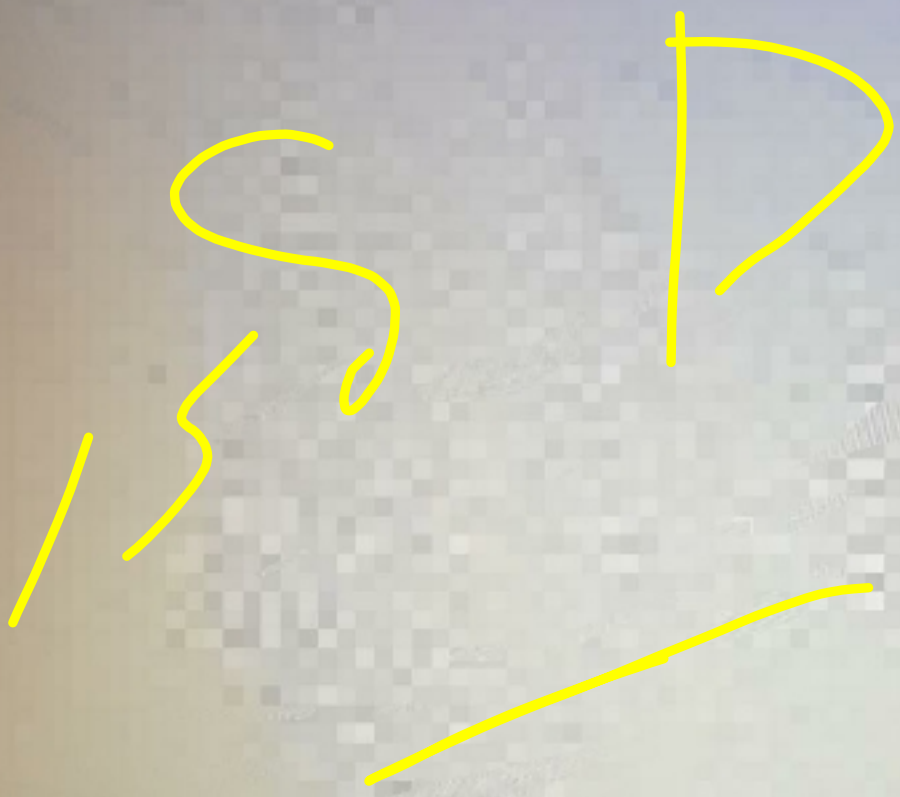
HP CompaqLE1711

MCQ QES Beta One 4 Version 2.0.0.2

If r is a length, A is an area and V is a volume, the equation $A = r^{1-n}/V$ is dimensionally correct if n equals:

- -5
- 5
- 4
- -4



Save & Next

AKCL CBS

Total questions in exam: 25 | Answered: 8

Question No. 2

The number of decimal places in (0.0100) is:

- 2
- 5
- 4
- 3

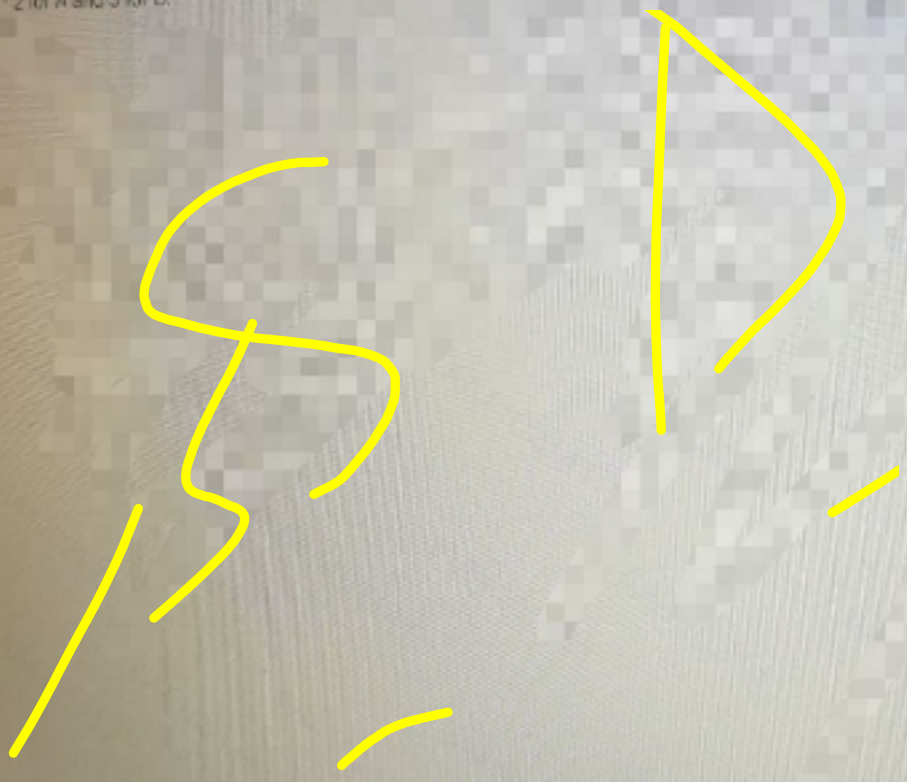
Save & Next

HP Compaq LE1711

AKCL CBS Exam Client Version 2.0.0.2

The number of significant figures in the numbers A= 7700 and B = 0.00770 are, respectively:

- 4 for A and 4 for B.
- 4 for A and 2 for B.
- 4 for A and 5 for B.
- 2 for A and 3 for B.



Save & Next

MKCL CBS

Total questions in exam: 25 | Answered: 8

Question No. 23

The number of decimal places in (0.0100) is:

- 2
- 5
- 4
- 3

Save & Next

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MKCL CBS Exam Client Version 2.0.0.2

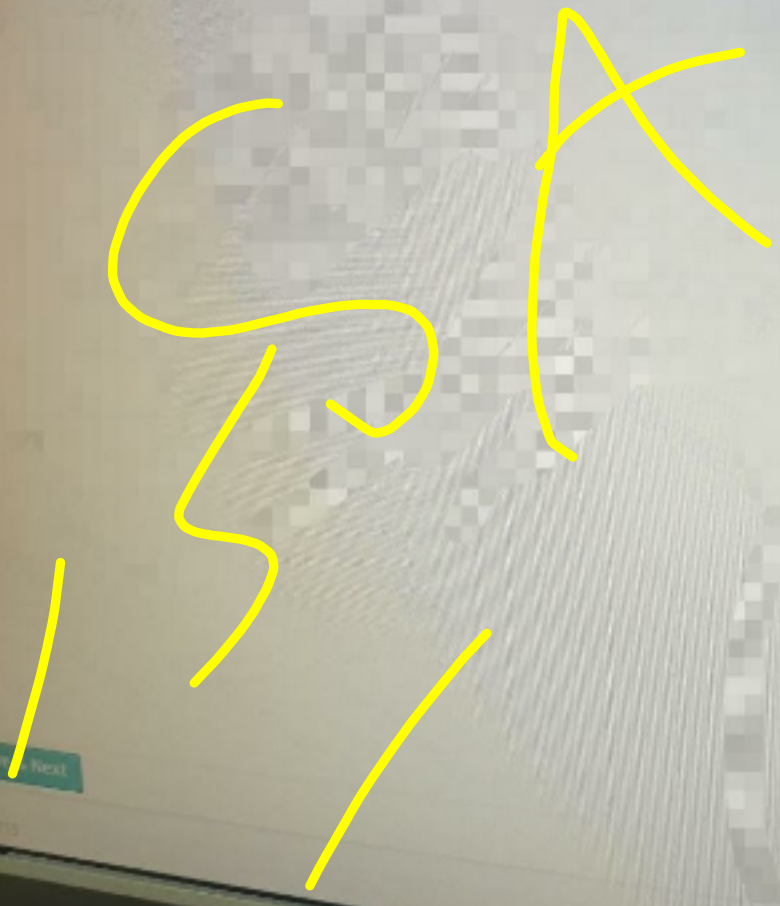
MKCL OES

Total questions in exam: 25 | Answered: 8

Question N

A quantity that has a magnitude and no direction is called:

- scalar
- displacement
- acceleration
- vector



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HP Compaq LE1711

MKCL OES

Total questions in exam: 25 | Answered: 8

The top of a hill is 1120 m above the sea level. In order-of-magnitude this height can be written as:

- 10^3 m
- 10^5 m
- 10^1 m
- 10^7 m

Save & Next

MKCL OES

Total questions in exam: 25 | Answered: 8

427 cm^2 to m^2: (1 m^2 = 10000 cm^2)

- 0.0427 m^2
- 4.27 m^2
- 42.7 m^2
- 0.427 m^2

Save & Next

Physics_Quiz1_Sem2_2020

A train travelling in a straight line at an average speed of 150 km/h for 40 min covers a distance of:

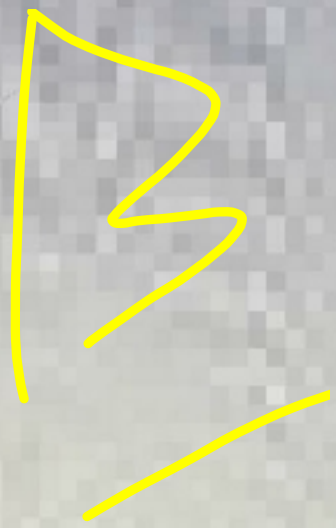
- 3.75 km
- 225 km
- 150 km
- 100 km

MKCL OES

Total questions in exam: 25 | Answered: 8

Which of the following is NOT an SI unit?

- mole
- foot
- candela
- kg



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Physics_Quiz1_Sem2_2020

MACL OES

Total questions in exam: 25 | Answered: 8

A⁻ A A⁺

Question No. 14

Two forces are: (F1 = 90 N, up) & (F2 = 90 N, right). The magnitude of the resultant (R) is nearly:

- 0 N
- 127 N
- 180 N
- 90 N

Save & Next

Total questions in exam: 25 | Answered: 19

A lake with approximately circular surface has an average radius $r = 0.5\,km$ and average depth $h = 10\,m$. The volume $V = \pi r^2 h$ of this lake in liters (L) is approximately:

- 10^5 L
- 10^{12} L
- 10^{10} L
- 10^7 L

Save & Next