1/12/24, 11:59 PM	Section 3 EST February 2022: Attempt review
	Shi Shi Shi
Started on	Friday, 12 January 2024, 4:58 PM
State	Finished
Completed on	Friday, 12 January 2024, 4:59 PM
Time taken	25 secs
Grade	0.00 out of 20.00 (0 %)
Question 1	M. M.
Not answered	
Marked out of 1.00	

What is the difference between the slope and the y-Intercept of line (d) of equation y = x - 1?

Select one:	
a. 2	
○ b2	
○ c1	
O d. 0	
Your answer is incorrect	
The correct answer is: 2	
and and and	
Question 2	
Not answered	
Marked out of 1.00	
If a > b and a(b - a) = 0. which of the following must be true?	
I. a = 0	
II.b>0	
III.b<0	
Select one:	
o a. Land II	
○ b. I only	
○ c. I and III	
O d. II only	
Your answer is incorrect	
The correct answer is: L and III	
ing ing ing ing	
and and and	
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Not answered Marked out of 1.00

If x + y = 1. which of the following is always true ? Select one: a. x-y=xy $b. x^2+y^2=1$

O b. $x^2 + y^2 = 1$

 \bigcirc c. $x^2 + y = x + y^2$

○ d. y-x=1-xy

Your answer is incorrect.

The correct answer is: $x^2+y=x+y^2$

Question 4 Not answered

Marked out of 1.00

NIALI' ANNALT at a single point When a system of two linear equations has a unique solution, how do the graphs of the equations appear ?

Select one:

- a. The lines are parallel
- b. The lines are confounded
- c. The lines intersect at a single point
- d. None of the above

Your answer is incorrect.

The correct answer is: The lines intersect at a single point MEMOR

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Question 5

Not answered Marked out of 1.00

In a certain school, there are m classes with n students each class. If a total of p pens are distributed equally among the students, how many .s.h Mr.Mohar Mr.Mohan pens are there for each student? Select one e greatest? 🔘 a.) b. mn 🔾 c. mnp $\frac{p}{mn}$ 🔵 d. Your answer is incorrect. The correct answer is: $\frac{P}{mn}$ Question 6 Not answered Marked out of 1.00 If -1 < a < 0, which of the numbers below is the greatest? Select one: 🔵 а. $\frac{a}{2}$ $\frac{2}{a}$) b. 🔾 c. 2a 🔘 d. $\frac{a}{4}$ Your answer is incorrec The correct answer is: "=18671&cmir https://academy.minshawymath.com/mod/quiz/review.php?attempt=18671&cmid=1552 3/10

Elmin

Question 7

Not answered

Marked out of 1.00

If $y \neq 0$ and $\frac{3x-2y}{y} = -\frac{6}{5}$, which of the following could be the value of $\frac{x}{y}$. Select one: $a_{1} - \frac{3}{20}$ $b_{2} \setminus \{15\} \}$

c. -\(\frac{4}{15}\)

d. \(\frac{16}{15} \)

Your answer is incorrect.

The correct answer is: \(\frac{4}{15} \)

	No No No
Question 8	and and and
Not answered	
Marked out of 1.00	ST ST
Which of the following quadratic equations admits no real solutions?	HUM HUM
Select one:	set and
a2(x - 1)(x + 3) = 0	2 EKico
O b. $2(x - 1)^2 - 5 = 0$	ains
\bigcirc c. $-2(x - 1)^2 + 5 = 0$	
$d2(x - 1)^2 - 5 = 0$	\rightarrow
Your answer is incorrect. The correct answer is: $-2(x - 1)^2 - 5 = 0$	
	what's what's what's
MINS	nat hinshat hinshat
NY HER	w the white
50 - ⁵⁰ 01	No.
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Math

Question 9

Not answered Marked out of 1.00

Which of the following represents the factorized form of the expression below?

$x^{4}-16x^{2}+48$

Select one:

 $(x - 4)^2(x - 12)^2$ 🔵 а.

- $(x^2 4)^2 (x^2$ $-12)^{2}$ b
- (x-2) (x + 2) (x -2\(\sqrt{3} \))(x +2\(\sqrt{3} \)) 🔾 с.
- d. $(x-2)^2 (x-2)(\sqrt{3})^2$

Your answer is incorrect.

The correct answer is: $(x-2)(x+2)(x-2)(\sqrt{3})(x+2)(\sqrt{3}))$

Question 10	2	
Not answered	and the second s	0
Marked out of 1.00	200	S

On a TV show, the competitors have to represent their products in x minutes. The minimum and maximum lengths are 4 and 6 minutes ed Elminshawy respectively.

Which equation represents the given situation?

Select one:

- \bigcirc a. \(\left| \begin{matrix} x-5 \end{matrix} \right| \) \(\leq \) 1
- \bigcirc b. \(\left|\begin{matrix} x-4 \end{matrix} \right| \) <6
- c. \(\left| \begin{matrix} x-1 \end{matrix} \right| \)<5</p>
- \bigcirc d. \(\left|\begin{matrix} x-2 \end{matrix} \right| \) \(\leq \)

Your answer is incorrect.

The correct answer is: \(\left| \begin{matrix} x-5 \end{matrix} \right| \) \(\leq \) 1

Not answered

Marked out of 1.00

A for wh For the function f defined below, what are all the values of x for which the function is defined? Mohar

 $f(x)=(x+2)^{(\frac{3}{4})}$

Select one:

- a.]-\(\infty \),-2[
- b.]-2 ,+\(\infty \)[
- c.]-2,2[
- d.]-\(\infty \),+\(\infty \)[

Your answer is incorrect.

The correct answer is:]-2 ,+\(\infty \)[

Question 12	
Not answered	Shi Shi Shi
Marked out of 1.00	
	May May May
The graph of the function f in the xy-plane c Which of the following points lie on the grap	ontains the point (1,4) and has a y-intercept of 3. The function g is defined by $g(x) = 2 + 2f(x)$. oh of g?
Select one:	asht asht asht
○ a. (1,3)	It's with white
O b. (1,8)	
O c. (0,3)	
O d. (0,8)	alle alle
Your answer is incorrect.	or WWW.
	0.

Not answered Marked out of 1.00

Mr.Mohaneod Elminsteamy HMinsteamy HMins

Your answer is incorrect.

The correct answer is: \(\frac{k}{4} \)

If n is a positive integer and $2^{n+1} - 2^n = k$. what is the 2^{n-2} in terms of k? Select one: a. $\langle (frac{k}{2} \rangle)$ b. $\langle (frac{k}{4} \rangle)$ c. 4kd. 8k

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Question 14

Not answered Marked out of 1.00

Using the curve of function f that is represented below, which of the following is equivalent to f(f(2))-f(4)?



Select one:

a.	f(5)
b.	f(0)

- c. f(-2)
- d. f(-1)

Your answer is incorrect. The correct answer is: f(5)

Not answered Marked out of 1.00

> ,uivalent tu Knowing that i=\(\sqrt{-1} \) , which of the following is equivalent to \(\frac{3-i}{1-2i} \) ? . iollow

Select one:

🔵 a. 3+i 🔘 b. 1-i Ос. 1+i

○ d. -3

Your answer is incorrect.

The correct answer is: 1+i

Question 16 Not answered

Marked out of 1.00

and diameter AB. (DE) is the perpendicular bisector of

AO. What is the measure of 2OBD?



2/24, 11:00 1 10	Section 3 EST February 2022: Attempt review
Question 17	Shi Shi Shi
Not answered	
Marked out of 1.00	
For what value of x is $\langle \rangle$	V(7(1)) = 1(1) fract (b) (v(1)) = -3.2
Answer:	×
	-10, 10 ,
The correct answer is: 21/11	
Question 18	
Not answered	
Marked out of 1.00	
Answer:	
The correct answer is: 12	#Minsha #Minsha #Minsha
The correct answer is: 12 Question 19	when when and the start when and
The correct answer is: 12 Question 19 Not answered	awy HWINShawy HWINShaw HWINShaw
The correct answer is: 12 Question 19 Not answered Marked out of 1.00	shawy thomas hawy the hawy
The correct answer is: 12 Question 19 Not answered Marked out of 1.00	ainshawy HNINShawy HNINShawy HNINShaw
The correct answer is: 12 Question 19 Not answered Marked out of 1.00 The graph (C) of the function f()	$(y) = -2x^2 + 8x - 6$ is a parabola of point S (h k) is the vertex of the parabola what is the value of h + k?
The correct answer is: 12 Question 19 Not answered Marked out of 1.00 The graph (C) of the function f((x) = -2x ² + 8x - 6 is a parabola. If point S (h,k) is the vertex of the parabola, what is the value of h + k?
The correct answer is: 12 Question 19 Not answered Marked out of 1.00 The graph (C) of the function f(x Answer:	(x) = $-2x^2 + 8x - 6$ is a parabola. If point S (h,k) is the vertex of the parabola, what is the value of h + k?
The correct answer is: 12 Question 19 Not answered Marked out of 1.00 The graph (C) of the function f(x Answer:	(x) = $-2x^2 + 8x - 6$ is a parabola. If point S (h,k) is the vertex of the parabola, what is the value of h + k?
The correct answer is: 12 Question 19 Not answered Marked out of 1.00 The graph (C) of the function f(x Answer:	(x) = $-2x^2 + 8x - 6$ is a parabola. If point S (h,k) is the vertex of the parabola, what is the value of h + k?
The correct answer is: 12 Question 19 Not answered Marked out of 1.00 The graph (C) of the function f(> Answer: The correct answer is: 4	(x) = $-2x^2 + 8x - 6$ is a parabola. If point S (h,k) is the vertex of the parabola, what is the value of h + k?
The correct answer is: 12 Question 19 Not answered Marked out of 1.00 The graph (C) of the function f(x Answer: The correct answer is: 4	(x) = $-2x^2 + 8x - 6$ is a parabola. If point S (h,k) is the vertex of the parabola, what is the value of h + k?
The correct answer is: 12 Question 19 Not answered Marked out of 1.00 The graph (C) of the function f(x Answer: The correct answer is: 4	(x) = $-2x^2 + 8x - 6$ is a parabola. If point S (h,k) is the vertex of the parabola, what is the value of h + k?
The correct answer is: 12 Question 19 Not answered Marked out of 1.00 The graph (C) of the function f(x Answer: The correct answer is: 4 Question 20 Not answered	(x) = $-2x^2 + 8x - 6$ is a parabola. If point S (h,k) is the vertex of the parabola, what is the value of h + k?
The correct answer is: 12 Question 19 Not answered Marked out of 1.00 The graph (C) of the function f(x Answer: The correct answer is: 4 Question 20 Not answered Marked out of 1.00	(x) = $-2x^2 + 8x - 6$ is a parabola. If point S (h,k) is the vertex of the parabola, what is the value of h + k?

 x_1 and x_2 are the real solutions of the equation $2x^2 - 5x - a + 3 = 0$. If $x_1 - x_2 = 2.5$ then a =

Answer:	NX XX
The correct answer is: 3	and war and war and war
	uphinshe uphinshe uphinshe
	and the cand the cand the
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Started on	Friday, 12 January 2024, 4:59 PM
Completed on	Friday, 12 January 2024, 5:00 PM
Time taken	9 secs
Grade	• 0.00 out of 38.00 (0 %)
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d.	h. h.



Not answered Marked out of 1.00

> , there a. A store sells red apples and gree es. If, of me total of 368, there are triple as many red apples as green apples, how many red apples are there in the store?

Select one:

- 🔵 а. 92
- 🔘 b. 184
- Ос. 276
- d. None of the above

Your answer is incorrect.

The correct answer is: 276

Marine Marine Marine	
Question 3	
Not answered	
Marked out of 1.00	
If a×b=12 and $\frac{a}{b}$ =3, then a+a ² b=	
Select one:	
a. 3(4a+b)	
○ b. 2(b-4a)	
○ c. 12(a+b)	
O d. 12a+b	
Your answer is incorrect.	
The correct answer is: 3(4a+b)	
any the ward ward ward ward ward ward ward ward	
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Question 4

Not answered Marked out of 1.00

To rent a bicycle, the shop owner offers the customers the four options below.

Option 1: \$6 per hour at any time.

Option 2: a weekly payment of \$25, in addition to an amount of \$4 per hour.

Option 3: a weekly payment of \$20, in addition to an ount of \$3 per hour plus a 10% taxes on the total mount paid.

Option 4: a weekly payment of \$50, in addition to an amount of \$3 per hour plus a cashback of 10% on the total amount paid.

A customer wants to rent a bicycle for a total of sixteen hours in the first week of September. Which option is more advantageous for the customer?

Select one:

- a. Option 4
- b. Option 2
- C. Option 3
- d. Option 1

Your answer is incorrect.

The correct answer is: Option 3

Question 5

Not answered

Marked out of 1.00

The equation below models the total cost y, in dollars, that a company charges a customer to rent a jet ski for one day and drive it x minutes. The total cost consists of a flat fee plus a charge per minute. When the equation is graphed in the xy-plane, what does the y-intercept of the Mohamed graph represent in terms of the model?

y=4.99+0.5x

Select one:

- a. A charge per minute of \$4.99
- A charge per minute of \$0.5 **b**.
- c. Total daily charges of \$5,49
- d. A flat fee of \$4.99

Your answer is incorrect.

The correct answer is: A flat fee of \$4.99

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Question 6

Not answered

Marked out of 1.00

In the xy-plane, If (1,1) is a solution to the system of inequalities below, which of the following could be true about a and b? Je hononal

y < x + a

y > -x + b

Select one:

a. a=1 and b=3

b. a=1 and b=1

- c. a=2 and b=4
- d. a=-1 and b=1

Your answer is incorrect.

The correct answer is: a=1 and b=1

Question 7
Not answered
Marked out of 1.00
When a number x is divided by 3. the quotient is m and the remainder is 1. When the same number x is divided by 4. the quotient is n and the
remainder is 5. Which of the following must be true?
Select one:
○ a. 3m-4n=4
O b. m+5n=7
\circ c. m-n= $\frac{2}{7}$
○ d. 3m+4n=6
Your answer is incorrect. The correct answer is: 3m-4n=4

- a. 3m-4n=4
- b. m+5n=7
- \circ c. m-n= $\frac{2}{7}$
- d. 3m+4n=6

Not answered Marked out of 1.00

> This month, Albert can spend 500 dollars at most from his monthly allowance. He already spent 20 dollars on his Netflix account. He now wants to buy CDs for his PlayStation to play with his friends. If each CD costs 40 dollars, which of the following inequalities best models the situation described above? Mr.MC

Select one:

- 🔵 а. 40x-100 < 300
- b. $40x + 100 \ge 300$
- c. 40x+100\(\leq \)300
- d. 40x-100\(\geq \)300

Your answer is incorrect.

The correct answer is: 40x-100\(\leq \)300

the the the
Question 9
Not answered
Marked out of 1.00
If the ratio of vaccinated teachers to non-vaccinated teachers in a school is 6:7, what is the percentage of the vaccinated school teachers?
Select one:
○ a. 7.69%
O b. 85.71%
○ c. 46.15%
O d. 53.84%
anne anne anne
Your answer is incorrect.
The correct answer is: 46.15%
Mr. Mr. Mr.
Question 10
Not answered

Select one:

- a. 7.69%
- b. 85.71%
- oc. 46.15%
- d. 53.84%

Question 10

Marked out of 1 00

rmid=1553 Paul can eat \(\frac{1}{t} \) cherry tomatoes in m minutes. At this rate, how many cherry tomatoes can he eat in \(\frac{1}{m²} \) minutes?

Select one:

- \bigcirc a. $(\frac{t}{m^2})$
- b. \(\frac{1}{tm} \)
- C. t²
- O d. $(\frac{1}{tm^3})$

Your answer is incorrect.

The correct answer is: $\langle \frac{1}{tm^3} \rangle$

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Question 11

Not answered Marked out of 1.00

> Last year, the average cost of a restaurant meal was \$12. Today, the average of the same meal costs \$15. By what percent was the cost of the .eal Mr. Mohar avers restaurant meal increased?

Select one:

- 🔵 а. 20%
-) b.
- Ос.

🔾 d.

Your answer is incorrect

Mr.Monaned Elminsteamy House and Elminsteamy House and House and Elminsteamy House and Elminsteamy House and House a The correct answer is: 25%

Not answered Marked out of 1.00

In the figure below, what is the unemployment rate to those who at most had completed high school?

Inemployment rates of persons 25 years old and over, by highest level of education 2004



od. 8.5%

Your answer is incorrect.

The correct answer is: 13.5%

Ouestion 13 Not answered Marked out of 1.00

A, 12:00 AM Section 4 EST February 2022: Attempt revie stion 13 answered ed out of 1.00 Questions 13 to 14 refer to the following information.

The pie chart below shows the results of a survey that asked the question "What is your favorite kind of salad?"





If 200 people were surveyed, what is the difference between the number of people who chose the Spanish salad and the taco salad ?





Questions 15 to 16 refer to the following information.

A survey of the endangered Galapagos penguins was carried out on a small Galapagos island and the results are shown below.



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Select one:	
a. A	
O b. B	
0 c. C	
O d. D	
ADI ADI ADI	
Your answer is incorrect.	
The correct answer is: A	
ϕ , ϕ , ϕ ,	
Question 16	
Not answered	
Marked out of 1.00	
Which two consecutive years showed the largest Increase in the population of penguins?	
Select one:	
a. 2015 - 2016	
O b. 2014 - 2015	
O c. 2011 - 2012	
O d. 2006 - 2007	
Your answer is incorrect.	
The correct answer is: 2015 - 2016	
ains ains ains	
Question 17	
Not answered	
Marked out of 1.00	
A DI LOI ADI	
For the numbers listed below, the only mode is 5 and the median Is 6. Each of the following could be the value of n except	
5,6,5,6,7,5,5, n ,6	
Select one:	
○ a. 7	
O b. 9	
○ c. 6	
O d. 8	
04 04 04	
Your answer is incorrect.	
The correct answer is: 6	
Shi Shi	
Allow Allow Allow	
the the the	
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Information

Questions 18 to 20 refer to the following information.

The following table represents the distribution of 100 persons according to their blood groups. ~

Covid/Blood	0	А	В	AB
group				
<u>Covid</u> +	32	40	6	2
<u>Covid</u> -	7	6	2	5

Question 18

Not answered

Marked out of 1.00

. at is the probability that the person intervie One person is randomly chosen then interviewed. What is the probability that the person interviewed tests negative for covid ?

Select one:

- a. 0.8
- ob. 0.55
- c. 0.2
- od. 0.15

Your answer is incorrect The correct answer is: 0.2

Not answered

Marked out of 1.00

The person interviewed tests positive for Covid. What is the probability that this person is of blood group A? .oat Mr.Mohai

Select one:

 \bigcirc a. $(frac{1}{2})$

- b. \(\frac{23}{40} \)
- c. \(\frac{23}{50} \)
- d. \(\frac{4}{5} \)

Your answer is incorrect.

The correct answer is: \(\frac{1}{2} \)

Question 20 Not answered Marked out of 1 00

Two persons are randomly chosen, one after another, and asked about their blood groups. Calculate the probability that the two chosen





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The graph of $x = -y^2 + 3$ and the graph of the line L intersect at (0,p) and (1,q). Which of the following is the largest possible slope of line L?

Select one:

- a. -\(\sqrt{3} \)-\(\sqrt{2} \
- b. \(\sqrt{3}\)+2
- c. \(\sqrt{5} \)
- d. \(\sqrt{3} \)+\(\sqrt{2} \)

Your answer is incorrect.

The correct answer is: $(\ \sqrt{3} \) + (\ \sqrt{2} \)$

Not answered Marked out of 1.00

> Let h be the function defined by h (x) =\($sqrt{x}) + 3$. If 3h(v)=18, then which of the following is the value of $h((frac{v}{3}))$? Mr.Mohar

Select one:

a. \(\frac{ \sqrt{3} }{3} \)

- b. \(\sqrt{3}\)+3
- c. 6

d. 3\(\sqrt{3}\)

Your answer is incorrect.

The correct answer is: \(\sqrt{3} \)+3

Question 24 Not answered

Marked out of 1 00

Which of the following equations has the greatest number of real solutions?

Select one:

- a. $x^2 + 3x 2 = 3 + x$
- O b. $x^3 = 5 x$
- c. e^x = x 1
- d. 2x + 3 = x 2

Your answer is incorrect.

The correct answer is: x²

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Question 25

Not answered Marked out of 1.00



Select one:

- 🔵 a. ab
- b. a⁴b⁶
- c. a⁴
- ⊂ d. -a⁴

Your answer is incorrect.

The correct answer is: -a'

Question 26

Not answered

Marked out of 1.00

How many real solutions does the equation $(\left| \frac{1}{2} \right| + 3 \left| \frac{1}{2} \right| + 1 = x + 4 \text{ admit}$? Nr.Nohamed Framed E

Select one:

a. 2 Ob. 1 Oc. Infinitely many 🔘 d. 0

Your answer is incorrect.

The correct answer is: Infinitely many

1/13/24, 12:00 AM	Section 4 EST February 2022: Attempt review
Question 27 Not answered Marked out of 1.00	In Ininst Ininst
If $x=1+e^t$ and $y=1-e^{-t}$, then x can be represented a	
Select one: a. \(\frac{y-2}{y} \) b. \(\frac{2-y}{1-y} \)	I.Mohall
o c. 2-y	
○ d. \(\frac{1}{1-y} \)	
Your answer is incorrect	
The correct answer is: \(\frac{2-y}{1-y} \)	
	att att att
Question 28	The The The
Not answered	
Marked out of 1.00	She She She
Select one: a. 2 b2 c\(\frac{\sqrt{2}}{2}) d. \(\frac{\sqrt{2}}{2}) Your answer is incorrect.	2 cos ² x w this haw the
The correct answer is: -\(\frac{ \sqrt{2} }{2} \)	
	When the way t
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Not answered Marked out of 1.00

e circle ot Which of the following is an equation of the tangent to the circle of equation $x^2+y^2+2x=1$ at point (-2,1)? . tangi

Select one:

○ a. y=x-3 ○ b. y=-x-3 ○ c. y=x+3

○ d. y=-x+3

Your answer is incorrect.

The correct answer is: y=x+3



Question 30 Not answered

Marked out of 1.00

AM Section 4 EST February 2022; Autempt review 1.00 In the figure below, $TOS = 80^{\circ}$ and $x > 20^{\circ}$. Which of the following must be true about y? (figure not drawn to scale)



Your answer is incorrect.

The correct answer is: y < 35°

Question 31 Not answered Marked out of 1.00

0 AM Section 4 EST February 2022: Attempt review
1
ad
of 1.00
In the figure below, TPS is a right isosceles triangle. with the right angle at T. UROP is a square of side 2 and PS = 3. What is the area of the shaded region TSRU? (figure not drawn to scale)



The correct answer is: 1/4

Question 32
Not answered

Marked out of 1.00

In the polynomial below, a is a constant. If the polynomial is divisible by y + 3. what is the value of a?

 $y^{3} + 3y^{2} + axy + 4x$

Answer:

The correct answer is: 4/3

3/24, 12:00 AM	and s	Section 4 EST Febr	uary 2022: Attemp	t review	
Question 33	S	S	S		
- Not answered		7	~		
Marked out of 1.00	Dr. Dr.	N			
	\bigcirc \bigcirc				
6_	j _o j	Š_			
If we toss a pair of dice 720 times, a	pproximately now many tim	nes should we expe	ct to get a sum of	6?	
		<u>}</u>			
Answer:			X		
	n n				
The correct answer is: 100	all'				
Question 34					
lot answered					
Varked out of 1.00					
The average height of 4 players of a average height of the entire team end	6-player volleyball team is quals to 180?	175. What does the	e average height c	of the other 2 players h	ave to be if the
		10 m	10	L'an	*
The correct answer is: 190		S. S.	S.	S. S.	
	×				
Question 35	B.	E.	2		
Not answered	and i	and i	and and a		
Marked out of 1.00	Nº0	Nº0	No		
	. 0	No.	.02		
A train covered a certain distance at scheduled time. And. if the train was covered by the train?	a uniform speed. If the trai slower by 10 km/hr. it wou	n would have been Ild have taken 2 ho	20 km/hr faster, i urs more than the	t would have taken 1 h scheduled time. What	nour less than the is the distance
all's		all'			
	Nº N	T			
Answer:	"O, "O,		×		
Pt 1	2 Of				
Nº N					
The correct answer is: 40	C.				
26					
Question 30					
Marked out of 1.00					
If y varies directly with x^2 , and If $x =$	4 when y = 4. what is the va	alue of y when x =	2?	Nath	NATT
Answer:		- Si	×	a he	J.
		0	Nº	NO.	
The correct answer is: 1		5	5	S	
		(I)	(II)	(II)	
	2	S. 1	17	NC1	
	13		2		
	Co.	N	2		
	2	20	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
			11		

1/13/24. 12:00 AM

Question 37

Not answered Marked out of 1.00

> A shop makes customized shirts for different occasions. Their monthly fixed costs are \$610. It costs \$20 to make each shirt, and they sell for \$50 each. To make a profit of \$800, how many shirt must be sold?

Answer: X The correct answer is:

Question 38 Not answered Marked out of 1.00

> 38. When fidget spinners were first introduced in the market, Leonard decided to sell them in his toy shop. The number of spinners he sold every week is modeled by $N(w) = -w^2$ +10w, where w is the number of weeks starting the first week of February and N(w) is the number of spinners sold each week in hundreds. One particular week, Leonard realized that his sales were greater than the sales in any other week. What is this maximum number of sales?

Mr.Mohamed Franed El Answer: The correct answer is: 25 *Scmid=15°