

(a) Handles in front of the operator (cm)	Conversion
(b) Vertical distance of lowering (cm)	1 kg = 2.2 lb
(c) Acceptable to 50, 75, or 90 percent of industrial workers	1 cm = 0.4 in.

SOURCE: From Snook and Ciriello, 1991.

- ☒ a. 50th percentile male lowering a finished product every 5 seconds.
- ☐ b. 25th percentile female lowering a finished product every minute.
- ☐ c. 25th percentile male lowering a finished product every 5 seconds.
- ☐ d. 90th percentile female lowering a finished product every 1 minute.
- ☐ e. None of the other choices is a correct answer

Clear my choice

- into height help ensure all of the following, Except:
- ☐ e. None of the other choices is a correct answer

Clear my choice

Sitting at appropriate height help ensure all of the following, Except:

- ☐ a. Weight of person is supported properly by seat pan, backrest, and floor or foot-rest
- ☐ b. Internal organs are not overly pressured or squished.
- ☐ c. Contact pressure with seat pan is minimized and blood circulation is not impaired.
- ☒ d. None of the other choices is a correct answer
- ☐ e. Keeping perfect lumbar lordosis as per the neutral posture

Clear my choice

3:17



Done

Edit

8. Avoiding new muscle activity soreness (NMAS) require:

- a. over-exertions.
- b. bending at the back
- c. keeping the wrist straight when using hand tools.
- d. the muscle should be warmed and conditioned for the task.
- e. using ergonomically designed hand tools.

9. According to the NIOSH lifting equation:

- a. Lifting at heights above 95 cm has lower risk for back injuries than lifting at heights lower than 95 cm.
- b. Lifting at heights above 75 cm has less risk for back injuries than lifting at heights lower than 75 cm.
- c. Lifting at heights above 75 cm has more risk for back injuries than lifting at heights lower than 75 cm.
- d. Lifting at heights above 95 cm has more risk for back injuries than lifting at heights lower than 95 cm.
- e. Lifting at heights above 95 cm has equal risk for back injuries as lifting at heights lower than 75 cm.

10. Stress maybe triggered by all except:

- a. work overload
- b. clearly defined work responsibilities
- c. boardroom
- d. ambiguity in work roles and goals
- e. work underload

The minimum value for the equation:

- a. 0.57
- b. 0.90
- c. 0.95
- d. 0.95
- e. 0.0

12. Postural analyses aim to:

- a. Identify strength associated with each posture.
- b. Identify reach associated with each posture
- c. All other answer choices are incorrect.
- d. Weighted averages of time and exertions associated with each work posture.
- e. Identify contorted postures.

13. In regards to light sensors in the eye; Rods and Cones:

- a. Rods are more sensitive than Cones
- b. There are more rods than cones, but cones are more sensitive.
- c. Cones are more sensitive than Rods
- d. There are more rods than cones
- e. There are more rods than cones, and rods are more sensitive.

More

14. The following is true:
- a. NIOSH lifting equation is applicable for lifting tasks during sitting work.
 - b. NIOSH lifting equation provides equal protection for males and females.
 - c. The RWL calculations is not gender dependent.
 - d. Work with LI not greater than one results in zero risk for back injuries.
 - e. Older people are weaker than young adults and the NIOSH lifting equation is age dependent.
15. If a NOISE is interfering with "speech", its "sound pressure level" is most likely closest to:
- a. 80 dB
 - b. 60 dB
 - c. 50 dB
 - d. 70 dB
 - e. 40 dB
16. All is true about the "fight or flight" response except:
- a. None of the other answer choices
 - b. Accredited for the survival of the human race
 - c. Major cause for physical health problems in modern life
 - d. The ability of a person to reduce the effects of the fight or flight response can be improved by physical exercise
 - e. Major cause for mental health problems in modern life
17. The number of moveable vertebrae in the lumbar region of the spinal column is:
- a. 7
 - b. 5
 - c. 9
 - d. 24
 - e. 12
18. In the best of conditions the maximum NIOSH recommended weight limit in kilograms is:
- a. 23
 - b. 51
 - c. 25
 - d. 30
 - e. it depends and can not be generalized
19. All of the following are true about hypothermia Except:
- a. Significantly affects solubility of oxygen in the blood
 - b. None, all of the other answer choices are correct about hypothermia
 - c. Reduce nerve conductivity
 - d. Causes temperature sensor problems
 - e. Reduce nerve conductivity

6:45



You

10/12/2020, 6:42 pm



HUMAN FACTORS IN ENGINEERING

Home My courses HUMAN FACTORS IN ENGINEERING Our work Quiz 5 - Designing to fit the Moving Body

Question 1
Not yet answered
Marked out of 1.00
Flag question

Ergonomics assessment methods that require the measurement of heart rate are classified as "Observational Method".

Select one:

☐ True

☒ False

Question 2
Not yet answered
Marked out of 1.00
Flag question

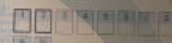
The Nordic questionnaire is a method to assess effort during work.

Select one:

☐ True

☒ False

Quiz navigation



Finish attempt

Time left 00:55

Check for updates

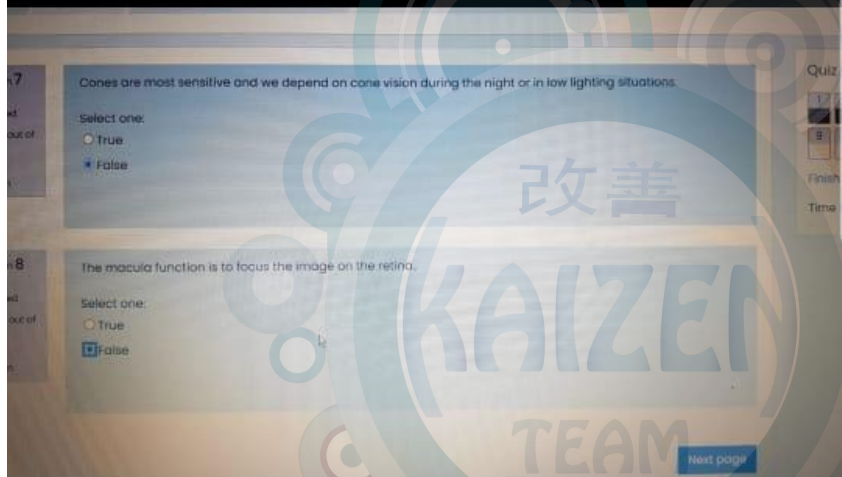


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You

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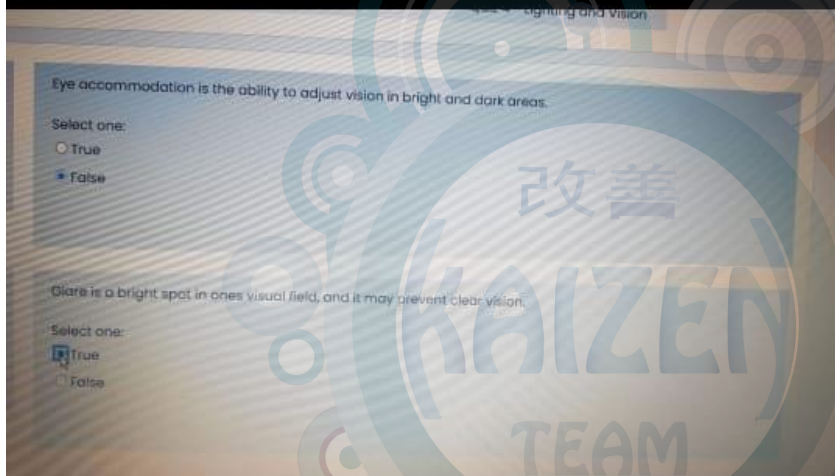


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You

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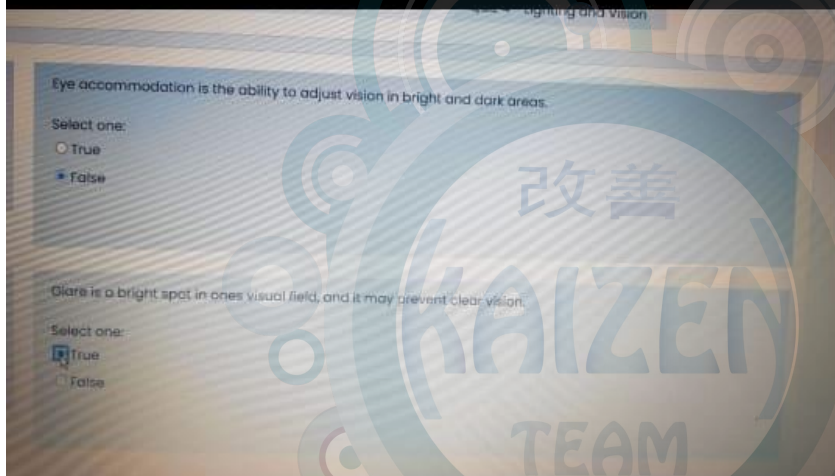


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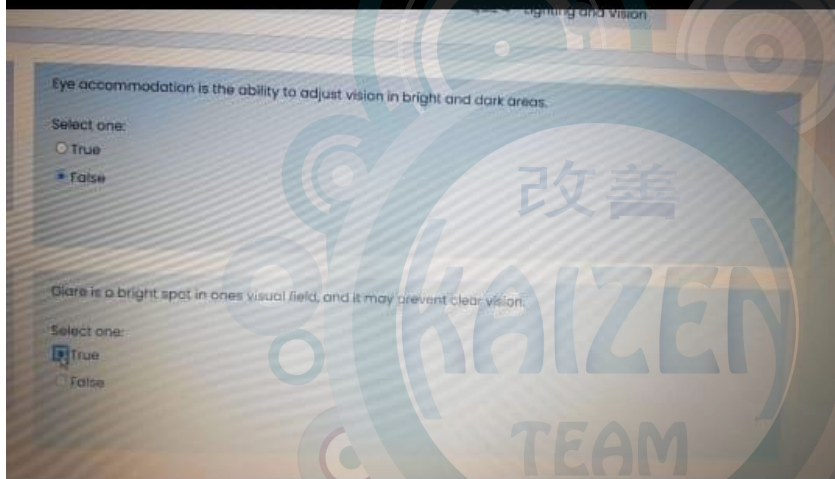


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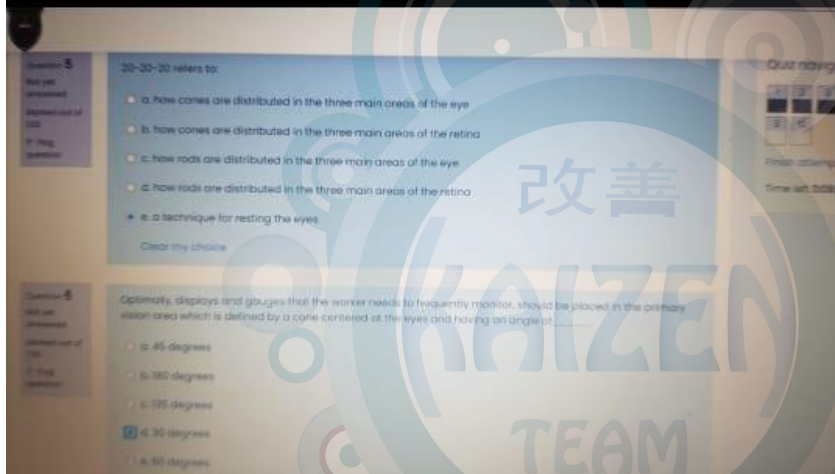


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You

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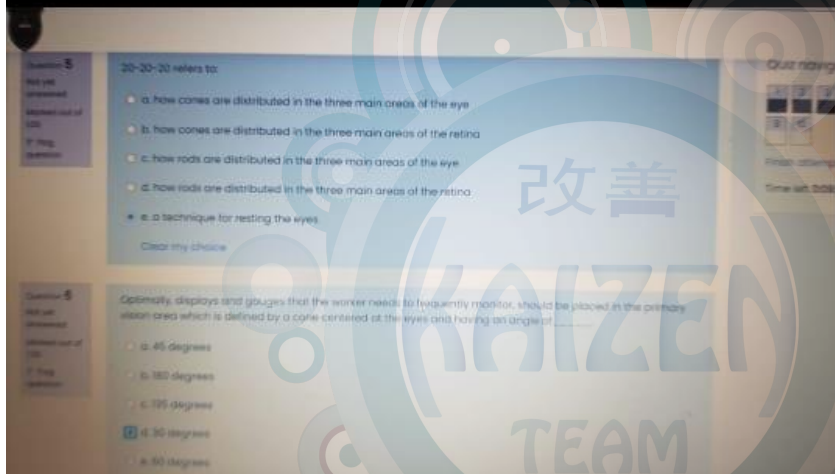


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You

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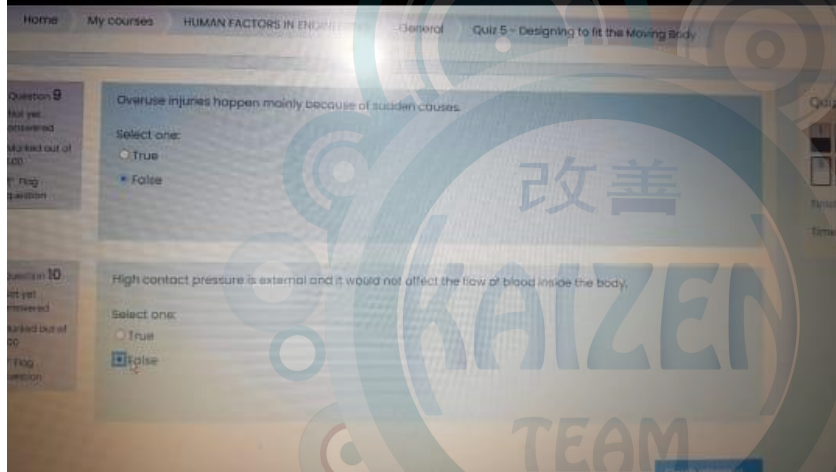


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You

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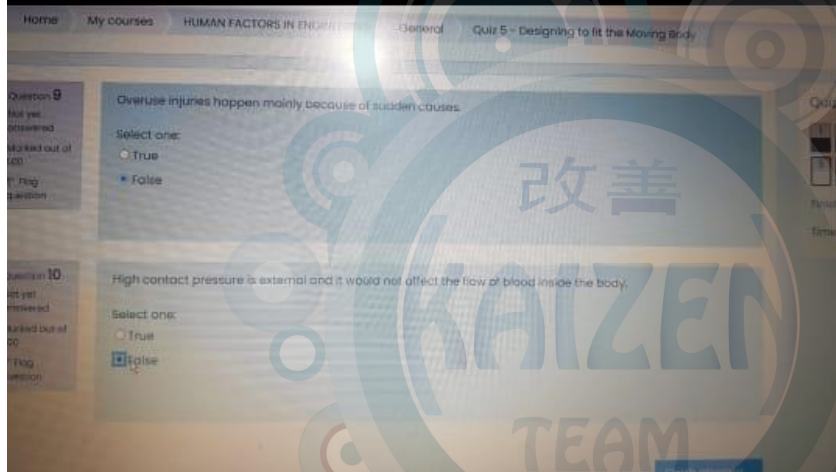


6:45



You

10/12/2020, 6:46 pm



1:48



Done

Edit

20. May

lmsystem.ju.edu.jo



answered

Marked out of 2

Flag question

Select one:

- ☒ a. 5
- ☐ b. 7
- ☐ c. 12
- ☐ d. none of the other choices is a correct answer
- ☐ e. 24

[Clear my choice](#)

Question 14

Not yet answered

Marked out of 2

Flag question

In Borg's CR-10 scale, an acceptable work effort will on average be rated:

Select one:

- ☐ a. Greater than 3
- ☐ b. Less than 2
- ☐ c. Greater than 6
- ☒ d. Less than 4
- ☐ e. Less than 5

[Clear my choice](#)

Question 15

Not yet answered

Marked out of 2

Flag question

When designing for strength, one should consider the strength of:

Select one:

- ☒ a. 95th percentile & 5th percentile
- ☐ b. 95th percentile & 50th percentile
- ☐ c. 95th percentile
- ☐ d. 5th percentile
- ☐ e. 50th percentile

[Clear my choice](#)

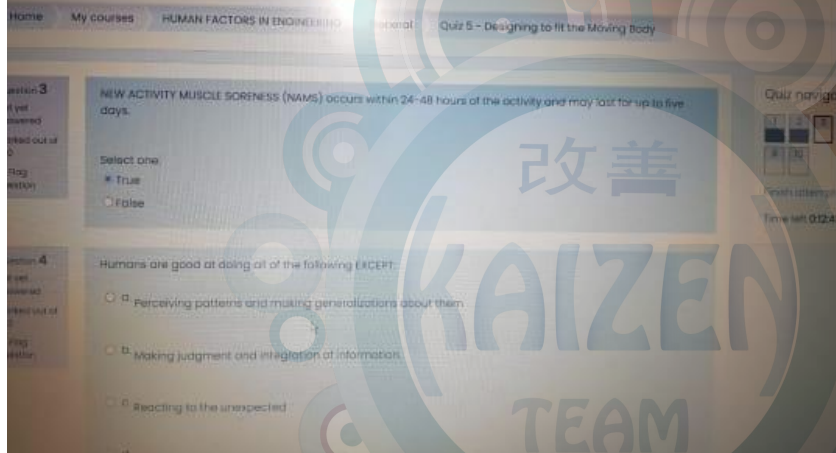
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6:45



You

10/12/2020, 6:43 pm

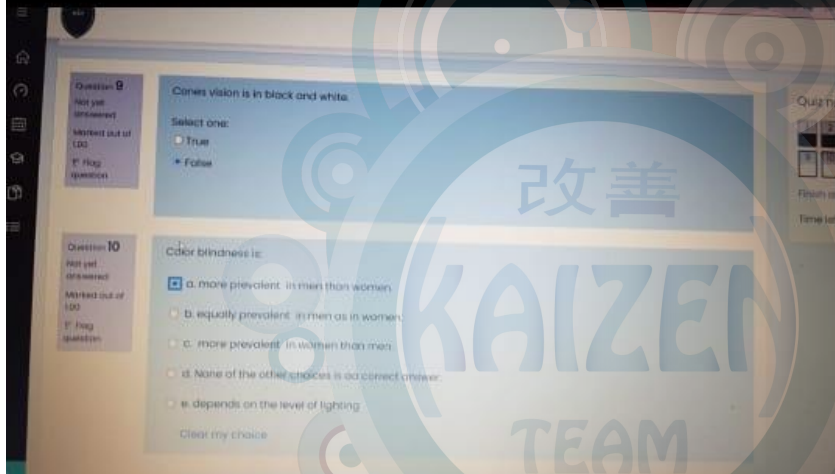


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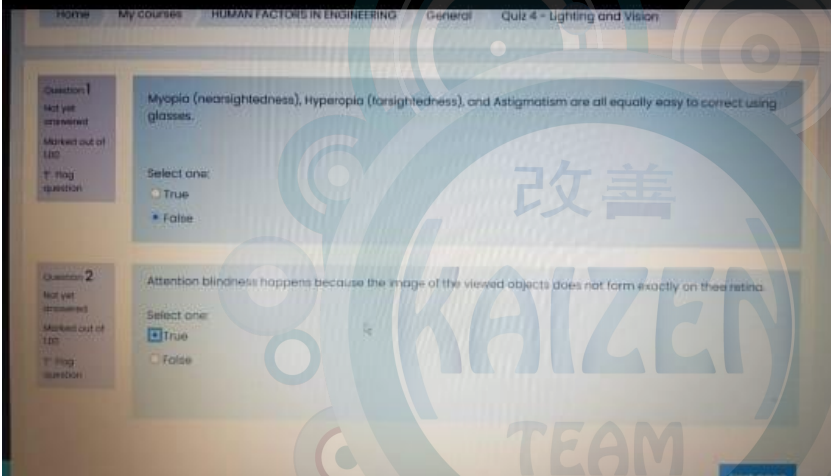


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You

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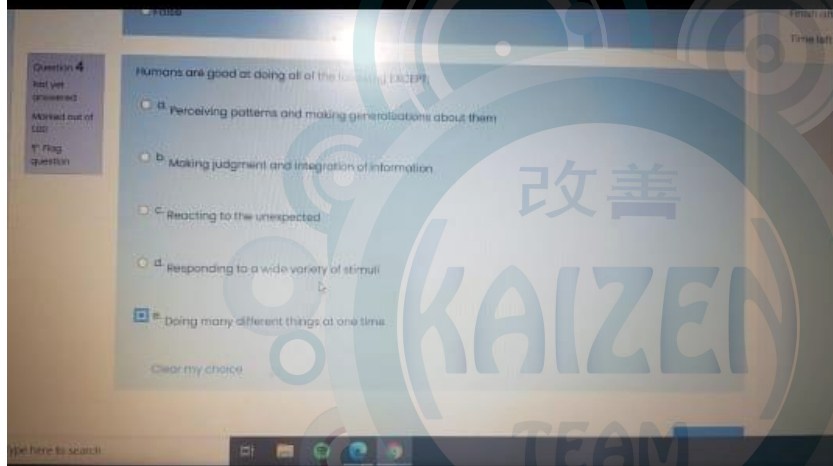


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You

10/12/2020, 6:43 pm

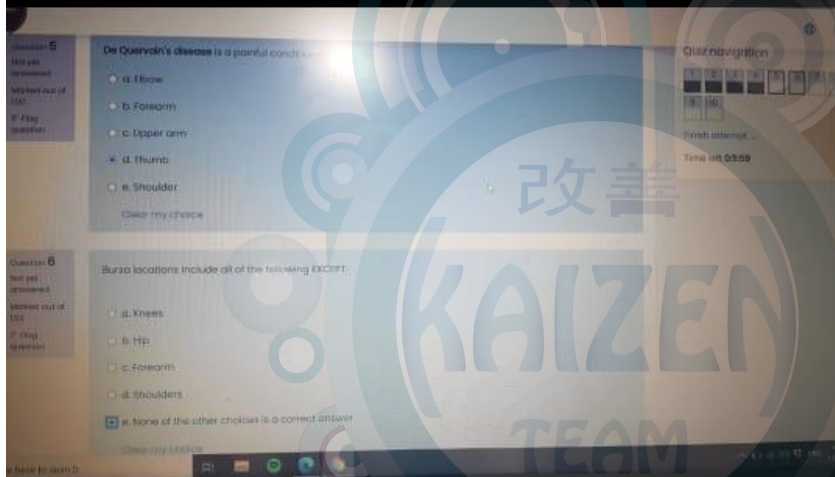


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You

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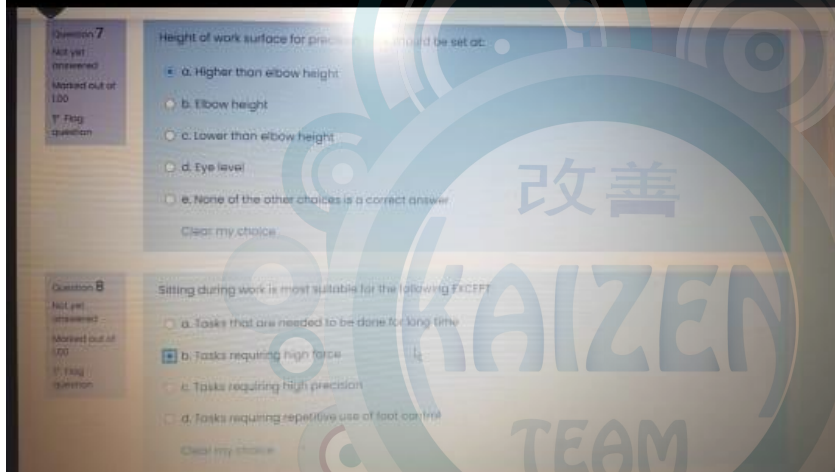


6:45



You

10/12/2020, 6:45 pm



6:51

Dania Banna

03/12/2020, 6:42 pm

Optimally display $\rightarrow 30$
* Myopia, Hyperopia \rightarrow ~~False~~ False
Cone vision \rightarrow False

Color blindness \rightarrow more prevalent in men than women

Attention blindness happen \rightarrow false

Cores are most sensitive \rightarrow False

20-20-20 is \rightarrow the technique for rest

The macula function \rightarrow ~~True~~ False

Chlorophyll is a pigment \rightarrow True
Eye accommodation \rightarrow ~~True~~ False
(Pupil)

Cone vision black & white \rightarrow false



Question 11

Not yet answered

Marked out of 2

Flag question

The "standard deviation" of correctly gathered dimensional anthropometric data should not exceed what percentage of the average value.

Select one:

- ☐ a. 25%
- ☐ b. 45%
- ☐ c. 16.67%
- ☐ d. 16.67%
- ☒ e. 10%

Clear my choice

Tendons connect:

Select one:

- ☐ a. correct answer is not included in the answer-choices
- ☐ b. tendons sheath to bone
- ☐ c. bone to bone
- ☐ d. cartilages to bones
- ☒ e. muscle to bone at insertion points

Clear my choice

Question 12

Not yet answered

Marked out of 2

Flag question

Quiz navigation

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10	11	12
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19	20	21
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28	29	30

Finish attempt

Time left
0:50:47

6:45



Dania Banna

10/12/2020, 6:41 pm

- * The Nordic questionnaire → ~~True~~ False
- Ergonomics assessment method → False
- Human are good → doing many different
- New activity muscle → True
- Bursa location → None
- De Quervain disease → Thumb
- Sitting down → Task require high force
- * Overuse injury → False
- * High contact pressure → True F
- * High of work surface → ~~lower than elbow~~ above



Time left 0:57:56

Question 3

Not yet
answeredMarked out of
2.00Flag
question

A worker at the end of an assembly line is assigned to lower finished products of the assembly line onto the floor level. The vertical distance for lowering is 51 cm, and the handles are 34 cm in front of the worker. If the weight of finished product is 15 KG, then all of the following situations are considered unsafe, except:

TABLE 10-4. MAXIMAL ACCEPTABLE LOWER WEIGHTS (KG)

Width (a)	Distance (b)	Percent (c)	Knuckle height to floor level One lower every								Shoulder height to knuckle height One lower every								Overhead reach to shoulder height One lower every							
			5	9	14	1	2	5	30	8	5	9	14	1	2	5	30	8	5	9	14	1	2	5	30	8
			sec			min				hr	sec			min				hr	sec			min				hr
34	Males	90	10	13	14	17	20	22	22	29	11	13	15	17	20	20	20	24	9	10	12	14	16	16	16	20
		75	14	18	20	25	28	30	32	40	15	18	21	23	27	27	27	33	12	14	17	19	22	22	22	27
		50	19	24	26	33	37	40	42	53	20	23	27	30	35	35	35	43	16	19	22	24	28	28	28	35
34	Females	90	7	9	9	11	12	13	14	18	8	9	9	10	11	12	12	15	7	8	8	8	10	11	11	13
		75	9	11	11	13	15	16	17	22	9	11	11	12	14	15	15	19	8	9	10	10	12	13	13	16
		50	10	13	14	16	18	19	20	27	11	13	13	14	16	18	18	22	10	11	11	12	14	15	15	19

(a) Handles in front of the operator (cm)

Conversion

(b) Vertical distance of lowering (cm)

1 kg = 2.2 lb

(c) Acceptable to 50, 75, or 90 percent of industrial workers

1 cm = 0.4 in.

SOURCE: From Snook and Ciriello, 1991.

- ☐ a. 50th percentile male lowering a finished product every 5 seconds.

Flag
question

TABLE 10-4. MAXIMAL ACCEPTABLE LOWER WEIGHTS (KG)

Width (a)	Distance (b)	Percent (c)	Knuckle height to floor level One lower every								Shoulder height to knuckle height One lower every								Overhead reach to shoulder height One lower every							
			5	9	14	1	2	5	30	8	5	9	14	1	2	5	30	8	5	9	14	1	2	5	30	8
			sec			min				hr	sec			min				hr	sec			min				hr
Males																										
34	51	90	10	13	14	17	20	22	22	29	11	13	15	17	20	20	24	9	10	12	14	16	16	16	20	
		75	14	18	20	25	28	30	32	40	15	18	21	23	27	27	33	12	14	17	19	22	22	22	27	
		50	19	24	26	33	37	40	42	53	20	23	27	30	35	35	35	43	16	19	22	24	28	28	28	35
Females																										
34	51	90	7	9	9	11	12	13	14	18	8	9	9	10	11	12	12	15	7	8	8	8	10	11	11	13
		75	9	11	11	13	15	16	17	22	9	11	11	12	14	15	15	19	8	9	10	10	12	13	13	16
		50	10	13	14	16	18	19	20	27	11	13	13	14	16	18	18	22	10	11	11	12	14	15	15	19

(a) Handles in front of the operator (cm)

Conversion

(b) Vertical distance of lowering (cm)

1 kg = 2.2 lb

(c) Acceptable to 50, 75, or 90 percent of industrial workers

1 cm = 0.4 in.

SOURCE: From Snook and Ciriello, 1991.

- ☐ a. 50th percentile male lowering a finished product every 5 seconds.
- ☐ b. 25th percentile female lowering a finished product every minute.
- ☐ c. 25th percentile male lowering a finished product every 5 seconds.
- ☐ d. 90th percentile female lowering a finished product every 1 minute.
- ☐ e. None of the other choices is a correct answer

Time left 0:57:48

Question 4

Not yet
answered

Marked out of
1.00

Flag
question

Humans are good at doing all of the following EXCEPT:

- ☐ a. Doing many different things at one time
- ☐ b. Perceiving patterns and making generalizations about them
- ☐ c. Reacting to the unexpected
- ☐ d. Responding to a wide variety of stimuli
- ☐ e. Making judgment and integration of information.

Select one:

- ☐ a. none of the other choices is a correct answer
- ☒ b. 84
- ☐ c. 16
- ☐ d. 74.7
- ☐ e. 25.3

Clear my choice

Question 6
Not yet
answered
Marked out of
1.00

NEW ACTIVITY MUSCLE SORENESS (NAMS) occurs within 24-48 hours of the activity and may last for up to five days.

Select one:

- ☐ True
- ☐ False

Based on the anthropometric data in the table provided, a male stature of 170 cm is at a percentile of:

TABLE 1-3. BODY DIMENSIONS OF U.S. CIVILIAN ADULTS, FEMALE/MALE, IN CM

	Percentiles			
	5th	50th	95th	SD
HEIGHTS				
(f above floor, s above seat)				
Stature ("height") ^f	152.78 / 164.69	162.94 / 175.58	173.73 / 186.65	6.36 / 6.68
Eye height ^f	141.52 / 152.82	151.61 / 163.39	162.13 / 174.29	6.25 / 6.57
Shoulder (acromial) height ^f	124.09 / 134.16	133.36 / 144.25	143.20 / 154.56	5.79 / 6.20
Elbow height ^f	92.63 / 99.52	99.79 / 107.25	107.40 / 115.28	4.48 / 4.81
Wrist height ^f	72.79 / 77.79	79.03 / 84.65	85.51 / 91.52	3.86 / 4.15
Crotch height ^f	70.02 / 76.44	77.14 / 83.72	84.58 / 91.64	4.41 / 4.62
Height (sitting) ^s	79.53 / 85.45	85.20 / 91.39	91.02 / 97.19	3.49 / 3.56
Eye height (sitting) ^s	68.46 / 73.50	73.87 / 79.20	79.43 / 84.80	3.32 / 3.42
Shoulder (acromial) height (sitting) ^s	50.91 / 54.85	55.55 / 59.78	60.36 / 64.63	2.86 / 2.96
Elbow height (sitting) ^s	17.57 / 18.41	22.05 / 23.06	26.44 / 27.37	2.68 / 2.72
Thigh height (sitting) ^s	14.04 / 14.86	15.89 / 16.82	18.02 / 18.99	1.21 / 1.26
Knee height (sitting) ^s	47.40 / 51.44	51.54 / 55.88	56.02 / 60.57	2.63 / 2.79
Popliteal height (sitting) ^s	35.13 / 39.46	38.94 / 43.41	42.94 / 47.63	2.37 / 2.49
DEPTHS				
Forward (thumbtip) reach	67.67 / 73.92	73.46 / 80.08	79.67 / 86.70	3.64 / 3.92
Buttock-knee distance (sitting)	54.21 / 56.90	58.89 / 61.61	63.08 / 66.74	3.11 / 3.31

Heart rate is a good index for energy expenditure _____

- ☐ a. always
- ☐ b. for extremely heavy work
- ☐ c. for light work
- ☐ d. for moderate to heavy work
- ☐ e. for work that does not involve the whole body

To determine 20th percentile
 $K = 0.84$.

Select one:

- ☐ a. none of the other choices is a correct answer
- ☒ b. 84
- ☐ c. 16
- ☐ d. 74.7
- ☐ e. 25.3

[Clear my choice](#)

- ☒ a. for moderate to heavy work
- ☐ e. for work that does not involve the whole body

[Clear my choice](#)

Time left 0:53:20

When we feel stressed, our bodies respond by raising the concentration of **stress** hormones in our blood.

Select one:

- ☒ True
- ☐ False

The height of the keyboard for a touch typeset should satisfy all of the following Except:

Question 7

Not yet answered

Marked out of 1.00

Flag question

Stress related individual factors include all of the following Except:

- ☐ a. Personality type
- ☐ b. Having a support group
- ☐ c. Exercise and physical activity
- ☐ d. Outlook on life and attitudes
- ☐ e. None of the other choices is a correct answer.

Question 8

Not yet answered

Marked out of 1.00

Flag question

Organizational factors related to stress include all of the following Except:

- ☐ a. Role ambiguity / unclarity
- ☐ b. Poor relations with coworkers
- ☐ c. Attitude and positive life-outlook
- ☐ d. Job security
- ☐ e. None of the other choices is a correct answer

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改善

KAIZEN

Time left 0:40:49

Question 1

Not yet answered

Marked out of 2.00

Flag question

Dividing "resting time" at work into many short breaks may:

Select one:

- ☐ a. Reduce fatigue and increase productivity
- ☐ b. Reduce fatigue, increase productivity, and/or interrupt work-rhythms
- ☐ c. Reduce the level of fatigue at the end of the work day.
- ☐ d. Interrupt work-rhythms
- ☐ e. Increase productivity

Question 2

Not yet answered

The requirements for applying the NIOSH lifting equation include all of the following, Except:

a. The load has handles

Quiz

1	2
7	8
13	14
19	20
25	26
31	32
37	38

Finish a

Time left 0:40:26

The below table is the results from applying the NIOSH lifting equation on a task that meets all the technical requirements. The weight of the load is 20 KG, the lifting index is:

	HM	VM	DM	AM	FM	CM
Origin	1	0.85	0.9	0.57	1	1
Destination	1	1	0.9	0.88	1	1

- ☐ a. 2
- ☐ b. 0.5
- ☐ c. 0.2
- ☐ d. None of the other choices is a correct answer
- ☐ e. 5

Question 16

Not yet answered

Marked out of 1.00

Flag question

Bursa locations include all of the following EXCEPT:

- ☐ a. Knees
- ☐ b. Shoulders
- ☒ c. Forearm
- ☐ d. Hip
- ☐ e. None of the other choices is a correct answer

Clear my choice

Time left 0:29:00

Question 9

Not yet answered
Marked out of 1.00

Flag question

The following are good ergonomics features in the design of handles for tools, Except:

- ☐ a. Handle is coated with rubber or rubber like material.
- ☐ b. Handle has a smooth surface with no more than one finger groove
- ☐ c. Handle-hand coupling depends on friction
- ☐ d. handedness suitable or can be used with either hand
- ☐ e. None of the other choices is a correct answer

Question 10

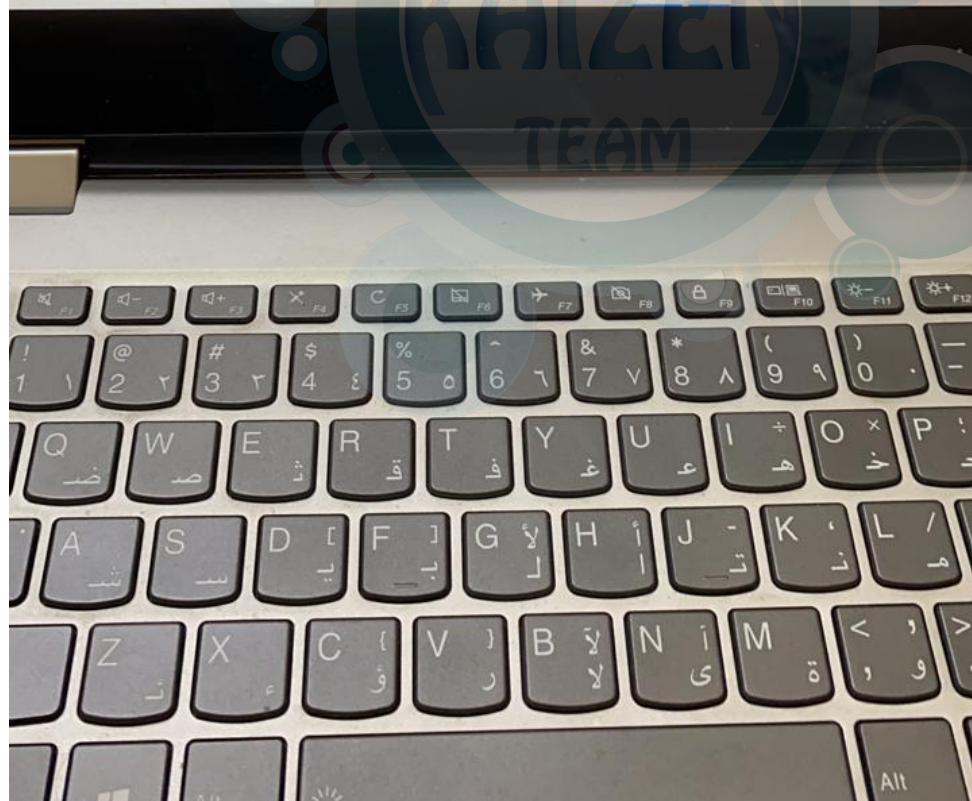
Not yet answered
Marked out of 1.00

Flag question

Stress related individual factors include all of the following Except:

- ☐ a. Personality type
- ☐ b. Having a support group
- ☐ c. Exercise and physical activity
- ☐ d. Outlook on life and attitudes
- ☐ e. None of the other choices is a correct answer.

Search here to search



27 The Nordic questionnaire is a method to assess effort during work.

Select one:

- ☐ True
☒ False

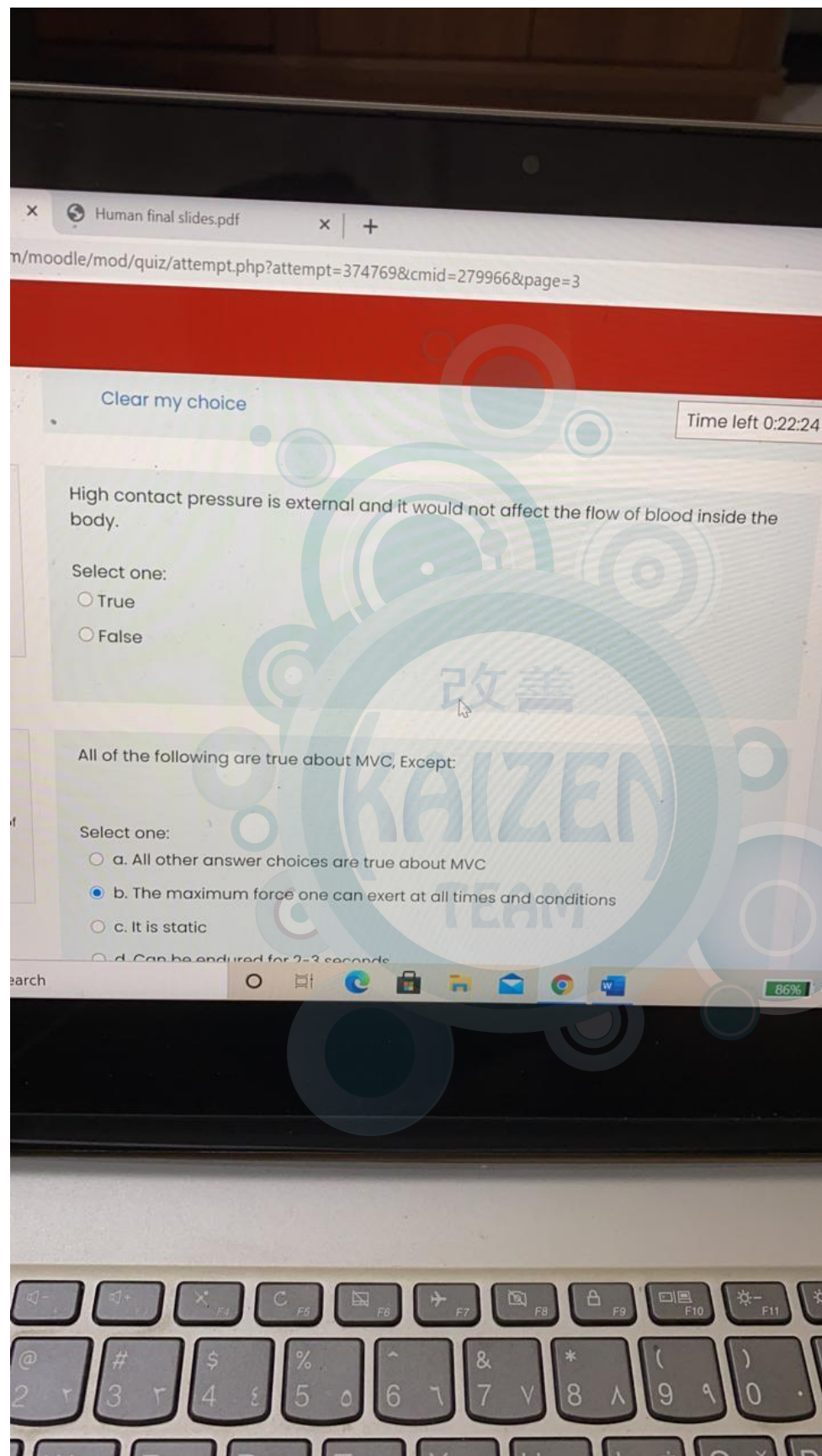
28

All is true about Noise Induced Hearing Loss (NIHL), Except:

- ☒ a. TTS is associated with noise levels around 65 dB
☐ b. PTS is permeant
☐ c. Continuous occurrences of TTS lead to PTS
☐ d. TTS happen to protect the ear from high noise
☐ e. Properly used Hearing Protection Devices (HPD) will protect against PTS

[Clear my choice](#)





Clear my choice

Question 12

Not yet
answered

Marked out of
1.00

Flag
question

All of the following are true about MVC, Except:

Select one:

- ☐ a. Can be endured for 2-3 seconds
- ☐ b. All other answer choices are true about MVC
- ☒ c. The maximum force one can exert at all times and conditions
- ☐ d. It is static
- ☐ e. Require no motivation

Clear my choice

ere to search

Question 13

Not yet
answered

Marked out of
2.00

Flag
question

Hand tools for precision work should:

Select one:

- ☐ a. allow the worker to bend the wrist
- ☐ b. have 5 cm effective grip diameter
- ☐ c. allow the worker to pinch the tool at the handle
- ☐ d. allow the worker to use two handed grip
- ☐ e. enable the worker to use a full fist grip

Time left

Question 14

The Nordic questionnaire is a method to assess effort during work.

Width (a)	Distance (b)	Percent (c)	One lower every								One lower every															
			5 sec	9 sec	14 sec	1 min	2 min	5 min	30 min	8 hr	5 sec	9 sec	14 sec	1 min	2 min	5 min	30 min	8 hr	5 sec	9 sec	14 sec	1 min	2 min	5 min	30 min	8 hr
34	51	90	10	13	14	17	20	22	22	29	11	13	15	17	20	20	20	24	9	10	12	14	16	16	16	20
		75	14	18	20	25	28	30	32	40	15	18	21	23	27	27	27	33	12	14	17	19	22	22	22	27
		50	19	24	26	33	37	40	42	53	20	23	27	30	35	35	35	43	16	19	22	24	28	28	28	35
	Females																									
34	51	90	7	9	9	11	12	13	14	18	8	9	9	10	11	12	12	15	7	8	8	8	10	11	11	13
		75	9	11	11	13	15	16	17	22	9	11	11	12	14	15	15	19	8	9	10	10	12	13	13	16
		50	10	13	14	16	18	19	20	27	11	13	13	14	16	18	18	22	10	11	11	12	14	15	15	19

(a) Handles in front of the operator (cm)

(b) Vertical distance of lowering (cm)

(c) Acceptable to 50, 75, or 90 percent of industrial workers

SOURCE: From Snook and Ciriello, 1991.

Conversion

1 kg = 2.2 lb

1 cm = 0.4 in.

- ☐ a. 50th percentile male lowering a finished product every 5 seconds.
- ☐ b. 25th percentile female lowering a finished product every minute.
- ☐ c. 25th percentile male lowering a finished product every 5 seconds.
- ☐ d. 90th percentile female lowering a finished product every 1 minute.
- ☐ e. None of the other choices is a correct answer

My courses

HUMAN FACTORS IN ENGINEERING

General

Final Exam Fall 2020-2021

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Time left 0:19:04

21

Over-use injury occurs when the rate of damage to a body part exceeds the rate of repair/recovery.

Select one:

☒ True

☐ False

tion 22

Stress related individual factors include all of the following Except:

- ☐ a. Personality type

Clear my choice

The requirements for applying the NIOSH lifting equation include all of the following, Except:

- ☐ a. The load has handles
- ☐ b. The load is of moderate width
- ☒ c. The floor is not slippery
- ☐ d. Optimal Environment
- ☐ e. None of the other choices is a correct answer

Clear my choice

- ☒ e. a technique for resting the eyes.

Clear my choice

Which of the following jobs has the least risk for developing carpal tunnel syndrome:

Select one:

- ☐ a. Musician - using the Guitar (stringed instruments).
- ☒ b. Factory worker - Occasionally lifting 10 kg loads.
- ☐ c. Homemaker (housewife) - knitting.
- ☐ d. Farmer - manually milking cows.
- ☐ e. Office workers - using mouse and keyboard.

Clear my choice

Clear my choice

on 14

red
d out of

on

The height of the keyboard for a touch typeset should satisfy all of the following Except:

Select one:

- ☐ a. at the same height as the mouse
- ☐ b. None of the other choices is a correct answer
- ☐ c. so the user can easily see the letters on the keyboard
- ☐ d. At about elbow height

on 15

red
d out of

Stress related individual factors include all of the following Except:

- ☐ a. Personality type

Stress related individual factors include all of the following Except:

- ☐ a. Personality type
- ☐ b. Having a support group
- ☐ c. Exercise and physical activity
- ☐ d. Outlook on life and attitudes
- ☐ e. None of the other choices is a correct answer.

Humans are good at doing all of the following EXCEPT:

Time left 0:16:00

3

All of the following are needed to define vibration exposure Except:

- ☐ a. Intensity
- ☐ b. Wave length
- ☐ c. Direction
- ☒ d. Damping
- ☐ e. Resonance frequency

[Clear my choice](#)

4

Eye accommodation is the ability to adjust vision in bright and dark areas.

Time left 0:15:52

Chairs used for computer stations that are frequently used should satisfy all of the following Except:

Select one:

- ☐ a. allow user to sit with his or her feet on the floor or on a footrest, keep lower legs vertical, and put thighs parallel to the floor
- ☐ b. have arm-rest set at slightly lower than elbow height
- ☐ c. have casters
- ☐ d. none of the other choices is a correct answer
- ☐ e. have back support

All is true about aerobic capacity, Except:

a. It is identified as the maximal aerobic capacity or VO_{2max}

Clear my choice

23

ed
out of

Administrative controls and the use of Personal Protective Equipment (PPE) are best to control exposure to noise and vibration.

Select one:

☒ True

☐ False

24

d
out of

Hand tools for precision work should:

Select one:

☐ a. allow the worker to use two handed grip

☐ b. allow the worker to bend the wrist



Time left 0:12:03

The height of the keyboard for a touch typeset should satisfy all of the following Except:

Select one:

- ☐ a. so the user can easily see the letters on the keyboard
- ☐ b. None of the other choices is a correct answer
- ☐ c. At about elbow height
- ☐ d. at the same height as the mouse

Height of work surface for precision work should be set at:

- ☐ a. Higher than elbow height
- ☐ b. Elbow height
- ☒ c. Lower than elbow height

Search



Question 39

Not yet answered

Marked out of 1.00

Flag question

Eye accommodation is the ability to adjust vision in bright and dark areas.

Select one:

- ☐ True
☒ False

Question 40

Not yet answered

Marked out of 1.00

Flag question

Stereotypes of how a control function are the common expectations of the specific users.

Select one:

- ☐ True
☐ False

Finish atte

Eye accommodation is the ability to adjust vision in bright and dark areas.

Select one:

- ☐ True
☒ False

The height of the keyboard for a touch typeset should satisfy all of the following Except:

Select one:

- ☒ a. so the user can easily see the letters on the keyboard
☐ b. At about elbow height
☐ c. None of the other choices is a correct answer
☐ d. at the same height as the mouse

Clear my choice

Coding controls to displays can be achieved through the following Except:

- ☒ a. Using same color for both
- ☐ b. Labeling
- ☐ c. Proximity and matching layout
- ☐ d. Visual cues such as a connecting line between display and control
- ☐ e. None of the other choices is a correct answer

Clear my choice



37

All is true about the fight or flight response in humans, Except:

Time left 0:0

- ☐ a. It can be triggered by sad occasions.
- ☐ b. It can be triggered by happy occasions.
- ☐ c. It can be triggered by perceived threats.
- ☐ d. It can be triggered by unreal threats.
- ☐ e. None of the other choices is a correct answer

38

All is true about Noise Induced Hearing Loss (NIHL), Except:

- ☐ a. TTS is associated with noise levels around 65 dB
- ☐ b. PTS is permeant
- ☐ c. Continuous occurrences of TTS lead to PTS
- ☐ d. TTS happen to protect the ear from high noise
- ☐ e. Properly used Hearing Protection Devices (HPD) will protect against PTS

search

All of the following are true about MVC, Except:

Select one:

- ☐ a. It is static
- ☐ b. Can be endured for 2-3 seconds
- ☐ c. The maximum force one can exert at all times and conditions
- ☐ d. All other answer choices are true about MVC
- ☐ e. Require no motivation





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4



- ☐ c. None of the other choices is a correct answer
- ☐ d. at the same height as the mouse

Chairs used for computer stations that are frequently used should satisfy all of the following Except:

Select one:

- ☐ a. have casters
- ☐ b. have back support
- ☐ c. allow user to sit with his or her feet on the floor or on a footrest, keep lower legs vertical, and put thighs parallel to the floor
- ☐ d. have arm-rest set at slightly lower than elbow height
- ☐ e. none of the other choices is a correct answer

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The ability to exert force is reduced as muscles are stretched.

Select one:

- ☐ True
☒ False

A muscle exerts forces when it contracts and extends essentially in both directions.

Select one:

- ☐ True