

# Lab 14 - Ergonomics

Due Nov 29 at 8am	Points 10	Questions 5	Time Limit None
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## Attempt History

	Attempt	Time	Score
LATEST	<a href="#">Attempt 1</a>	9,799 minutes	10 out of 10

⚠️ Correct answers are hidden.

Score for this quiz: **10** out of 10

Submitted Nov 23 at 9:03am

This attempt took 9,799 minutes.

Question 1

2 / 2 pts

All of the following items are WMSDs except:

☒ Grave's Disease

☐ Tenosynovitis

☐ DeQuervain’s Disorder

☐ Trigger Finger

Question 2

2 / 2 pts

All of the following are risk factors for WMSDs except:

☐ Level of physical condition

☒ Education level

☐ Diabetes

☐ Endocrine disorders

### Question 3

2 / 2 pts

For a lift with the worst-case assumption for the NIOSH lifting equation (listed below), what is the most conservative lifting limit in pounds?

HM = 0.4

VM = 0.7

DM = .85

AM = 0.57

FM = 0.13

CM = 0.9

☒ 0.8

☐ 25

☐ 51

☐ 12

### Question 4

2 / 2 pts

Which (select all) of the following are risk factors for ergonomic injury:

☒ Repetition

☒ Vibration

☒ Force

☒ Posture

☒ Temperature

### Question 5

2 / 2 pts

Using the NIOSH lifting equation and given ideal lifting conditions (all multipliers = 1), what is the maximum weight the could be lifted in pounds?

☒ 51

☐ 23

☐ 25

☐ Not enough information to calculate

Quiz Score: **10** out of 10