Assignment 10

The due date for submitting this assignment has passed. As per our records you have not submitted this assignment. Due on 2018-10-10, 23:59 IST.

1) In persons with "Trendelenburg gait" the following gait deviation is observed: 1 point

- Hip hiking
- Vaulting
- Lateral trunk bending
- Steppage

No, the answer is incorrect.
Score: 0
Accepted Answers:
Lateral trunk bending

2) A person is fitted with a locked knee orthosis. Which compensatory gait pattern is the person likely to adopt? 1 point

- Anterior trunk bending
- Steppage
- Hip-hiking
- Circumduction

No, the answer is incorrect.
Score: 0
Accepted Answers:
Hip-hiking
Circumduction

3) The metabolic cost of walking for a person with temporary pathological gait is most likely to 1 point compared to his/her own normal walking.

...
4) A person has weak hamstring muscles. Which compensatory gait pattern is the person likely to adopt?  
- Anterior trunk bending  
- Steppage  
- Hip hiking  
- Posterior trunk bending  

No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
Hip hiking

5) When do we see a maxima in the ankle joint moment during a normal gait cycle?  
- Loading Response  
- Mid Stance  
- Mid Swing  
- Terminal Stance  

No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
Terminal Stance

6) __________ is a stance phase gait modification.  
- Circumduction  
- Steppage  
- Hip hiking  
- Vaulting  

No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
Vaulting

7) Waddling gait pattern is observed when lateral trunk bending happens in________  
- Right stance leg  
- Light stance leg  
- Both the stance legs  
- Right leg swing phase  

No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
Both the stance legs

8) Which of the following are causes of pathological gait in humans?  
- Spasticity in muscles
9) Which of the following muscles are active during terminal swing phase?  
- □ Hamstrings  
- □ Triceps Surae  
- □ Tibialis Anterior  
- □ Quadriceps  

No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
Hamstrings  
Tibialis Anterior  
Quadriceps

10) Functional leg length discrepancy  
- □ Is caused only by anatomical leg length discrepancy  
- □ May be due to anatomical leg length discrepancy  
- □ May be due to reasons other than anatomical leg length discrepancy  
- □ Is not connected to anatomical leg length discrepancy  

No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
May be due to anatomical leg length discrepancy  
May be due to reasons other than anatomical leg length discrepancy

11) Impaired proprioception is due to  
- □ Sensory issues  
- □ Muscular atrophy  
- □ Muscle spasticity  
- □ Pain  

No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
Sensory issues

12) A person walks with anterior trunk bending. What could be the potential causes for such a gait adaptation?  
- □ Weak knee extensors  
- □ Weak hip extensors  

No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
Weak hip extensors
No, the answer is incorrect.

Score: 0

Accepted Answers:
- Weak knee extensors
- Weak hip extensors
- Hip flexion contracture

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Dorsiflexion
Plantarflexion
Toe out
Toe in

No, the answer is incorrect.

Score: 0

Accepted Answers:
Dorsiflexion