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Courses » Mechanics of Human Movement

Announcements **Course** Ask a Question Progress Mentor FAQ

# Unit 3 - Week 1

## Course outline

How to access the portal

Pre-requisite

### Week 1

- Basic Terminologies
- Skeletal System
- Axial and Appendicular Skeleton
- Bones in the Human Body
- Types of Joints
- Movements about Joints
- Levers in the Human Body
- Week 1 - Lecture Notes
- Quiz : Assignment 1
- WEEK 1 - FEEDBACK - Mechanics of Human Movement

### Week 2

## Assignment 1

The due date for submitting this assignment has passed.

As per our records you have not submitted this assignment. **Due on 2018-08-15, 23:59 IST.**

1) Which kind of joint primarily plays a role in trunk flexion? **1 point**

- Synovial joint
- Fibrous joint
- Cartilaginous joint
- All of the above

No, the answer is incorrect.

Score: 0

Accepted Answers:

Synovial joint

2) When a person nods their head from side to side to say no, which joint aids in this motion? **1 point**

- Atlantoaxial joint
- Atlantooccipital joint
- Sternoclavicular joint
- All of the above

No, the answer is incorrect.

Score: 0

Accepted Answers:

Atlantoaxial joint

3) Which kind of joint is the sternoclavicular joint? **1 point**

- Pivot joint
- Plane joint

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<b>Week 6</b>	ce De	4) What is the role of patella at the knee joint?	<b>1 point</b>
<b>Week 7</b>		<input type="radio"/> Provides location for tendon attachment	
<b>Week 8</b>		<input type="radio"/> Increases moment arm for knee joint	
<b>Week 9</b>		<input type="radio"/> Provides location for ligament attachment	
<b>Week 10</b>		<input type="radio"/> None of the above	
<b>Week 11</b>		<b>No, the answer is incorrect.</b>	
<b>Week 12</b>		<b>Score: 0</b>	
<b>VIDEO DOWNLOAD</b>		<b>Accepted Answers:</b>	
		<i>Increases moment arm for knee joint</i>	
		5) Nose is _____ to the shoulder girdle	<b>1 point</b>
		<input type="checkbox"/> Superior	
		<input type="checkbox"/> Anterior	
	<input type="checkbox"/> Posterior		
	<input type="checkbox"/> Inferior		
	<b>No, the answer is incorrect.</b>		
	<b>Score: 0</b>		
	<b>Accepted Answers:</b>		
	<i>Superior</i>		
	<i>Anterior</i>		
	6) Which bones couple together at the shoulder joint?	<b>1 point</b>	
	<input type="checkbox"/> Clavicle		
	<input type="checkbox"/> Scapula		
	<input type="checkbox"/> Humerus		
	<input type="checkbox"/> Sternum		
	<b>No, the answer is incorrect.</b>		
	<b>Score: 0</b>		
	<b>Accepted Answers:</b>		
	<i>Clavicle</i>		
	<i>Scapula</i>		
	<i>Humerus</i>		
	7) Does any finger have fewer bones than the others?	<b>1 point</b>	
	<input type="radio"/> Yes, index finger with the absence of proximal phalange		
	<input type="radio"/> Yes, thumb finger with the absence of distal phalange		
	<input type="radio"/> Yes, thumb finger with the absence of intermediate phalange		
	<input type="radio"/> No, all fingers have equal number of joints		
	<b>No, the answer is incorrect.</b>		
	<b>Score: 0</b>		
	<b>Accepted Answers:</b>		
	<i>Yes, thumb finger with the absence of intermediate phalange</i>		
	8) Pelvis is a part of	<b>1 point</b>	
	<input type="radio"/> Appendicular skeleton		
	<input type="radio"/> Axial skeleton		

- Both
- None of the above

**No, the answer is incorrect.**

**Score: 0**

**Accepted Answers:**

*Appendicular skeleton*

9) What is the mechanical equivalent of carpometacarpal joint of the thumb?

**1 point**

- Ball and socket joint
- Saddle joint
- Pivot joint
- None of the above

**No, the answer is incorrect.**

**Score: 0**

**Accepted Answers:**

*Saddle joint*

10) Which joint conducts forearm pronation and supination?

**1 point**

- Humeroradial joint
- Radioulnar joint
- Carpometacarpal joint
- None of the above

**No, the answer is incorrect.**

**Score: 0**

**Accepted Answers:**

*Radioulnar joint*

11) Which kind of joint do the sutures in the skull have?

**1 point**

- Fibrous joint
- Cartilaginous joint
- Synovial joint
- None of the above

**No, the answer is incorrect.**

**Score: 0**

**Accepted Answers:**

*Fibrous joint*

12) The act of moving a body segment away from the mid-line is called

**1 point**

- Eversion
- Abduction
- Adduction
- Inversion

**No, the answer is incorrect.**

**Score: 0**

**Accepted Answers:**

*Abduction*

13) Which of the following joints in the human body corresponds to a hinge joint **1 point**

- Interphalangeal joint
- Carpometacarpal joint
- Metacarpophalangeal joint
- Atlantoaxial joint

**No, the answer is incorrect.**

**Score: 0**

**Accepted Answers:**

*Interphalangeal joint*

14) Squeezing a ball in the hand causes ----- movement about the interphalangeal joints. **1 point**

- Inward rotation
- Flexion
- Extension
- None of the above

**No, the answer is incorrect.**

**Score: 0**

**Accepted Answers:**

*Flexion*

15) Patella is a sesamoid bone embedded within ----- tendon **1 point**

- Hamstrings
- Quadriceps
- Pectineus
- Adductor longus

**No, the answer is incorrect.**

**Score: 0**

**Accepted Answers:**

*Quadriceps*

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