

# Introduction to Joints

Biology · Answer Key · 29 Questions

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## 1. What is another term for joints?

- A) Ligaments
- B) Tendons
- C) Articulations**
- D) Cartilage

## 2. What are the three main categories of joints discussed?

- A) Fibrous, Ligamentous, Cartilaginous
- B) Fibrous, Cartilaginous, Synovial**
- C) Synovial, Tendon, Bursa
- D) Ball-and-socket, Hinge, Pivot

## 3. Which type of joint is characterized by fibrous connective tissue?

- A) Cartilaginous joints
- B) Synovial Joints
- C) Fibrous joints**
- D) Bursae

## 4. Which type of joint involves cartilage connecting the bones?

- A) Fibrous joints
- B) Synovial Joints
- C) Cartilaginous joints**
- D) Tendon sheaths

## 5. What is the most common and mobile type of joint?

- A) Fibrous joints
- B) Cartilaginous joints
- C) Synovial Joints**
- D) Saddle joints

## 6. What are bursae and tendon sheaths associated with?

- A) Fibrous joints
- B) Cartilaginous joints
- C) Synovial Joints**
- D) All joints

7. Which of the following is a type of synovial joint?

**A) Plane Synovial Joint**

- B) Suture Joint
- C) Syndesmosis
- D) Gomphosis

8. A hinge synovial joint allows for what type of movement?

- A) Gliding
- B) Rotation

**C) Flexion and extension**

- D) Abduction and adduction

9. A pivot synovial joint primarily allows for which type of movement?

- A) Gliding

**B) Rotation**

- C) Flexion and extension
- D) Slipping

10. Which type of synovial joint has a convex surface fitting into a concave surface?

- A) Ball-and-Socket
- B) Hinge

**C) Condylloid (Ellipsoidal)**

- D) Saddle

11. What is a characteristic of a saddle synovial joint?

- A) Permits only uniaxial movement

**B) Allows for extensive movement in two planes**

- C) Has a ball-shaped head fitting into a cup-like socket
- D) Resembles a hinge

12. The ball-and-socket synovial joint allows for the greatest range of motion.

**A) True**

- B) False

13. Which specific synovial joint is mentioned as an example of a ball-and-socket joint?

- A) Elbow joint
- B) Knee joint

**C) Shoulder joint**

- D) Temporomandibular joint

**14. Which specific synovial joint is mentioned as an example of a hinge joint?**

- A) Shoulder joint
- B) Hip joint
- C) Elbow joint**
- D) Knee joint

**15. The Temporomandibular joint (TMJ) is an example of which type of synovial joint?**

- A) Hinge
- B) Ball-and-Socket
- C) Pivot**
- D) Condylloid

**16. The Knee joint is a complex synovial joint.**

- A) True**
- B) False

**17. What are some factors that affect joint function?**

- A) Age and gender
- B) Injury and disease
- C) Muscle strength and flexibility
- D) All of the above**

**18. The text states that joints are the strongest parts of the skeleton.**

- A) True
- B) False**

**19. What is the course code mentioned?**

- A) BIOL-2401**
- B) BIOL-101
- C) ANAT-300
- D) PHYS-200

**20. Who is listed as the instructor?**

- A) Melanie Zuniga**
- B) John Smith
- C) Jane Doe
- D) Robert Johnson

**21. What date was this topic last visited?**

- A) April 1, 2026**
- B) March 15, 2025
- C) May 10, 2026
- D) January 1, 2027

**22. The document is titled 'Joints (Articulations)'.**

- A) True**
- B) False

**23. What is the page number indicated for the 'Joints' topic?**

- A) Page 1 of 27**
- B) Page 9 of 27
- C) Page 1 of 9
- D) Page 27 of 27

**24. Which section of the table of contents is 'Joints (Articulations)'?**

- A) Ch. 9 Notes**
- B) Ch. 10 Notes
- C) Ch. 8 Notes
- D) Ch. 11 Notes

**25. The document is viewed as text or downloaded.**

- A) True**
- B) False

**26. The 'Collaboration' option is available in the course menu.**

- A) True**
- B) False

**27. What does '2401.AP1.9.24.Joints' likely represent?**

- A) A student ID
- B) A course section and topic identifier**
- C) A date
- D) A file name

**28. The 'Grades' section is part of the course activities.**

- A) True
- B) False**

**29. What is the main subject of BIOL-2401?**

A) Genetics

B) Ecology

**C) Anatomy and Physiology**

D) Microbiology