

CLASS ACTIVITY - JOINTS

1. How are joints classified?
2. Describe the build and functions of a typical synovial joint.
3. Name the different synovial joints that we've learnt about and give an example of each in the human body.

CLASS ACTIVITY - JOINTS ANSWERS

1. According to the degree of movement they permit
2. - The two bones forming the joint are covered with hyaline cartilage.
 - the whole joint is enclosed by the joint capsule.
 - the synovial membrane lines the joint capsule and secretes synovial fluid that prevents friction in the joint
 - some synovial joints contain ligaments that attach the two bones of the joint to each other
3. - Ball-and-socket joint: Shoulder joint
 - Hinge joint: elbow joint
 - Pivot joint: first and second cervical vertebra
 - Gliding joint: bones of the wrist joint

SOLUTIONS TO FINAL ASSESSMENT QUESTIONS

1. A
2. B
3. A
4. C
5. B
6. C
7. C
8. B
9. A
10. D

11. A
12. B
13. A
14. B
15. C
16. D
17. A
18. B
19. A
20. B