



**ST. LAWRENCE HIGH SCHOOL**  
**A JESUIT CHRISTIAN MINORITY INSTITUTION**



**SOLUTION – 2**

**Class: X**

**Sub: Life Science**

**Date: 17.05.2021**

**Topic: Ch 1 Control and Coordination in Living Organisms: Types and role of joints and muscles in Locomotion**

**F.M. : 15**

**Choose the correct option:**

**(1x15=15)**

1. Arboreal locomotion is seen in \_\_\_\_\_.  
a) fishes b) dogs **c) monkeys** d) hyenas
2. Cheetah shows \_\_\_\_\_ locomotion.  
**a) cursorial** b) fossorial c) saltatorial d) aerial
3. \_\_\_\_\_ joints have a space between adjoining bones.  
a) Immovable or fixed b) Slightly movable **c) Freely movable or synovial** d) None of these
4. Synovial joints are also called \_\_\_\_\_ joints.  
**a) diarthrosis** b) amphiarthrosis c) anarthrosis d) synarthrosis
5. \_\_\_\_\_ joint either bend or straightens a limb.  
a) Fixed b) Pivot c) Ball and socket **d) Hinge**
6. \_\_\_\_\_ is an example of ball and socket joint.  
a) Atlas joint b) Upper jaw **c) Shoulder joint** d) Elbow joint
7. Flexion refers to \_\_\_\_\_ the angle between two body parts.  
**a) decreasing** b) increasing c) no change d) none of these
8. The triceps brachii muscle at the back of arm shows \_\_\_\_\_.  
**a) rotation** b) adduction c) abduction **d) extension**
9. \_\_\_\_\_ is an example of abductor muscle.  
**a) Supraspinatus** b) Biceps brachii c) Gluteus medias d) None of these
10. \_\_\_\_\_ fluid lubricates the joint to allow nearly frictionless movement of bones.  
a) Cerebrospinal **b) Synovial** c) Amniotic d) None of these
11. In \_\_\_\_\_ movement, turning a body part around its long axis is observed.  
**a) rotation** b) adduction c) both of these d) none of these
12. When you move a body part around its long axis with the anterior surface moving away from midline, then it is called \_\_\_\_\_.  
a) medial rotation **b) lateral rotation** c) abduction d) rotation
13. Deltoid muscle is located on the \_\_\_\_\_ part of the arm and the top of the shoulder.  
a) left b) right c) lowermost **d) uppermost**

14. The synovial joint is surrounded by an articular capsule composed of \_\_\_\_\_ tissues.  
a) **connective** b) epithelial c) muscle d) nervous
15. Saltatorial locomotion is characterized as a form of movement based on \_\_\_\_\_.  
a) running b) flying c) **jumping and hopping** d) swimming

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