

NEET - C20 - LOCOMOTION AND MOVEMENT

1. **Colle's fracture is associated with**
 - A. femur
 - B. ulna
 - C. humerus
 - D. radius
2. **Which of the following features differentiate bone from cartilage?**
 - A. Haversian canal
 - B. Blood vessel
 - C. Lymph vessel
 - D. All of these
3. **Knee joint is**
 - A. cartilaginous
 - B. fibrous
 - C. gliding joint
 - D. synovial
4. **The joint of radio-ulna with the upper arm is**
 - A. hinge joint
 - B. pivot joint
 - C. socket joint
 - D. None of these
5. **An acromian process is characteristically found in the**
 - A. pelvic girdle of mammals
 - B. skull of frog
 - C. pectoral girdle of mammals
 - D. sperm of mammals
6. **Intervertebral disc consists of a shock absorb connective tissue known as**
 - A. hyaline cartilage
 - B. elastic cartilage
 - C. fibro cartilage
 - D. reticulo cartilage
7. **In the thin filament of skeletal muscle fibre, a small globular protein that masks the active sites on the F-actin L, is**
 - A. G-actin
 - B. actin
 - C. tropomyosin
 - D. troponin
8. **In which of the following, growth is possible through increase in volume?**
 - A. Cartilage
 - B. Striated muscle
 - C. Nerve fibre
 - D. Lens of eye
9. **The set of ions necessary for muscle contraction is**
 - A. Ca^{2+} and Mg^{2+}
 - B. Na^{+} and Mg^{2+}
 - C. Na^{+} and K^{+}
 - D. Na^{+} and Ca^{2+}

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- 10. Synovial fluid is present in**
- A. fibrous joints
 - B. cartilaginous joints
 - C. freely movable joints
 - D. intervertebral joints
- 11. Which one of the following is a sesamoid bone?**
- A. Pelvis
 - B. Patella
 - C. Pterygoid
 - D. Pectoral girdle
- 12. Gout is a disease that affects the joints and leads to arthritis. It is associated with an abnormality of**
- A. pyrimidine metabolism
 - B. purine metabolism
 - C. fat metabolism
 - D. protein metabolism
- 13. The term 'innominate' is related with**
- A. nerve
 - B. artery
 - C. skeleton
 - D. None of these
- 14. Neural canal is present in**
- A. humerus
 - B. tibio-fibula
 - C. vertebral column
 - D. cranial bones
- 15. The joint found in head of upper arm and pectoral girdle is**
- A. hinge joint
 - B. ball and socket joint
 - C. gliding joint
 - D. saddle joint
- 16. A cricket player is fast chasing a ball in the field. Which one of the following groups of bones are directly contributing in this movement?**
- A. Femur, malleus, tibia, metatarsals
 - B. Pelvis, ulna, patella, tarsals
 - C. Sternum, femur, tibia, fibula
 - D. Tarsals, femur, metatarsals, tibia
- 17. Human vertebral column is formed by**
- A. 21 vertebrae
 - B. 30 vertebrae
 - C. 26 vertebrae
 - D. 33 vertebrae

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18. Muscle pump is

- A. beating of heart
- B. squeezing effect of muscles upon veins running through them
- C. peristaltic wave that travel along the alimentary canal
- D. None of the above

19. The 'wish bone' or 'merry thought bone' of bird is

- A. sternum
- B. scapula
- C. coracoid
- D. clavicle

20. The glenoid cavity is associated with

- A. scapula
- B. humerus
- C. Both (a) and (b)
- D. None of these

21. The coxal of the pelvic girdle is formed by the fusion of

- A. ilium, ischium and pubis
- B. scapula and clavicle
- C. ilium and scapula
- D. ilium, scapula and ischium

22. Total number of bones found in right upper limb is

- A. 25
- B. 26
- C. 30
- D. 60

23. Humerus fits into glenoid cavity is example of

- A. ball and socket joint
- B. pivot joint
- C. peg and socket joint
- D. condyloid joint

24. Nucleus pulposes is found in

- A. brain
- B. nucleus
- C. intervertebral disc
- D. liver

25. In frog, the vertebra with an anterior convex surface (i.e., double convexities) is

- A. atlas
- B. urostyle
- C. 8th vertebra
- D. 9th vertebra

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1. D	2. D	3. D	4. A	5. C
6. C	7. D	8. A	9. A	10. C
11. B	12. B	13. C	14. C	15. B
16. D	17. D	18. B	19. D	20. C
21. A	22. C	23. A	24. C	25. D

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