



## BIOLOGY

## **BOOKS - TRUEMAN BIOLOGY**

# NCERT Exemplar Questions +1 (LOCOMOTION AND MOVEMENT)



**1.** Match the following and mark the correct option

	Column I		Column II	
A	Fast inuscle fibres	i.	Myoglobin	
В.	Slow muscle fibres	ii.	Lactic acid	
С.	Actin filament	ш.	Contractile unit	
D.	Sarcomere	iv.	I-band	

### A. A-i, B-ii, C-iv, D-iii

#### B. A-ii, B-i, C-iii, D-iv

C. A-ii, B-i, C-iv, D-iii

D. A-iii, B-ii, C-iv, D-i

Answer: c



2. Ribs are attached to

A. scapula

B. sternum

C. clavicle

D. ileum

Answer: b

3. What is the type of movable joint present

between the atlas and axis?

A. Pivot

B. Saddle

C. Hinge

D. Gliding

Answer: a

#### 4. ATPase of the type muscle is located in

A. Actinin

B. Troponin

C. Myosin

D. Actin

Answer: b

5. Intervertebral disc is found in the vertebral

column of

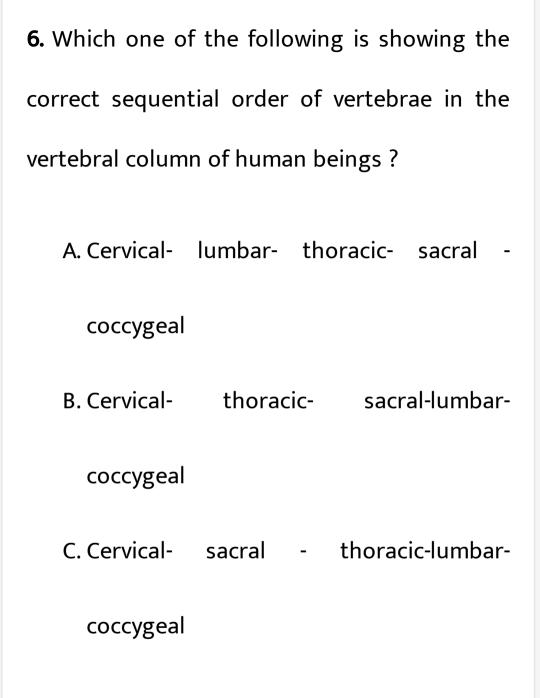
A. Birds

**B.** Reptiles

C. Mammals

D. Amphibians

Answer: c





coccygeal

#### Answer: d

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**7.** Which one of the following options is incorrect ?

A. Hinge joint - between Humerus and

Pectoral girdle

B. Pivot joint- between atlas, axis and

occipital condyle

C. Gliding joint - between the carpals

D. Saddle joint - between carpal and

metacarpals of thumb

Answer: a

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8. Knee joint and elbow joints are examles of

A. saddle joint

B. ball and Socket joint

C. pivot joint

D. hinge joint

Answer: d

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9. Macrophages and leucocytes exhibit

A. ciliary movement

- B. flagellar movement
- C. amoeboid movement
- D. gliding movement

#### Answer: c

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**10.** Which one of the following is not a disorder of bone ?

A. Arthritis

B. Osteoporosis

C. Rickets

D. Atherosclerosis

Answer: d

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**11.** Which one of the following statement is incorrect?

A. Heart muscles are striated and involuntary B. The muscles of hands and legs are striated and voluntary C. The muscles located in the inner walls of alimentary canal are striated and involuntary D. Muscles located in the reproductive

tracts are unstriated and involuntary

Answer: c



**12.** Which one of the following statements is true:

A. Head of humerus bone articulates with acetabulum of pectoral girdle B. Head of humerus bone arti~ulates with " glenoid cavity of pectoral girdle C. Head of humerus bone articulate with a cavity called acetabullum of pelvic girdle

D. Head of humerus bone articulates with a

glenoid cavity of pelvic girdle.

Answer: b



13. Muscles with characteristic striations and

involuntary are

A. muscles in the wall of alimentary canal

B. muscles of the heart

C. muscles assisting locomotion

D. muscles of the eyelids

Answer: b

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### 14. Match the following and mark the correct

#### option

	Column I		Column II
A	Sternum	i.	Synovial fluid
В.	Glenoid Cavity	ii.	Vertebrae
C.	Freely movable joint	111.	Pectoral girdle
D.	Cartilaginous joint	iv.	Flat bones

#### A. A-ii, B-i, C-iii, D-iv

B. A-iv B-iii C-i D-ii

C. A-ii, B-i, C-iv, D-iii

D. A-iv, B-i, C-ii, D-iv

#### Answer: b