

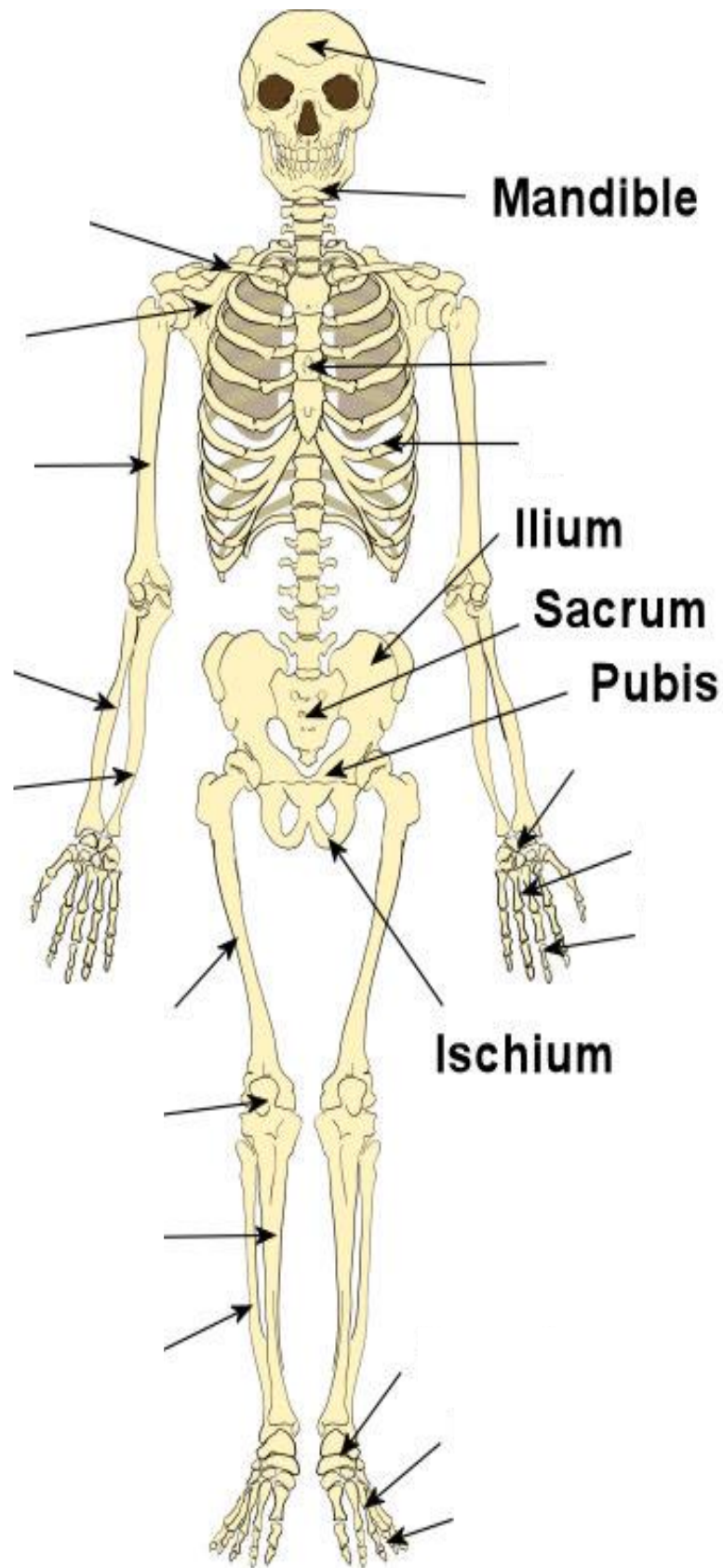
Example exam

Body Systems

88 marks

Name..... Class.....

1. Label the skeleton (9 marks)



2. What are three functions of the skeleton? (3 marks)

a).....

b).....

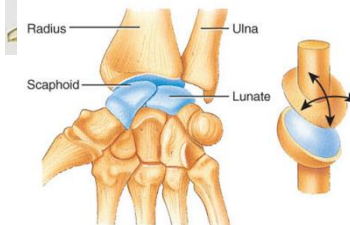
c).....

3. What are the names of these joints? (4 marks)

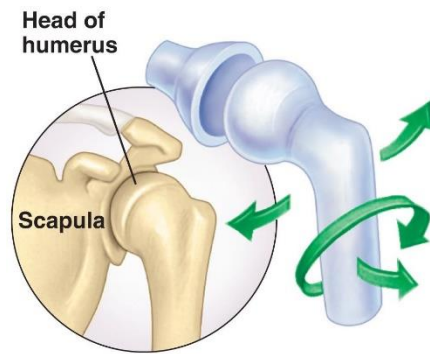
a).....



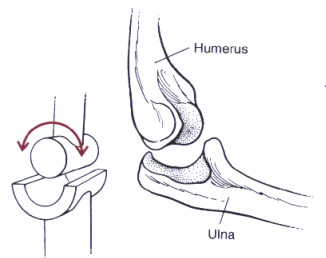
b).....



c).....



d).....



4. Match the movement with the description (4 marks)

Movement	Description
Flexion	Movement of the limb TOWARDS the centre of the body
Extension	Angle of the joint decreases
Adduction	An upward movement, as in moving the foot to pull the toes towards the knee in walking.
Abduction	When the bone at a joint moves around its own axis, so making a circular movement
Rotation	A combination of flexion, extension , abduction, adduction and rotation
Circumduction	Movement of the limb AWAY from the midline body
Plantar-flexion	Angle of the joint increases
Dorsi-flexion	A movement that points the toes downwards by straightening the ankle.

5. What are the four types of bone? (1 mark)

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6. Complete the table (3 marks)

Joint	Movement possibilities
Pivot	
Hinge	
Ball and socket	

7. What are the three types of muscles? (1 mark)

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8. What are the two types of muscle contraction called? Describe what they do (4 marks)

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9. What are three components of the cardiovascular system? (1 marks)

a)..... b)..... c).....

10. What are the four functions of the cardiovascular system? (1 mark)

a)..... b).....

c)..... d).....

11. Explain the term vasoconstriction in relation to exercise (3 marks)

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12. Explain the term vasodilation in relation to exercise (3 marks)

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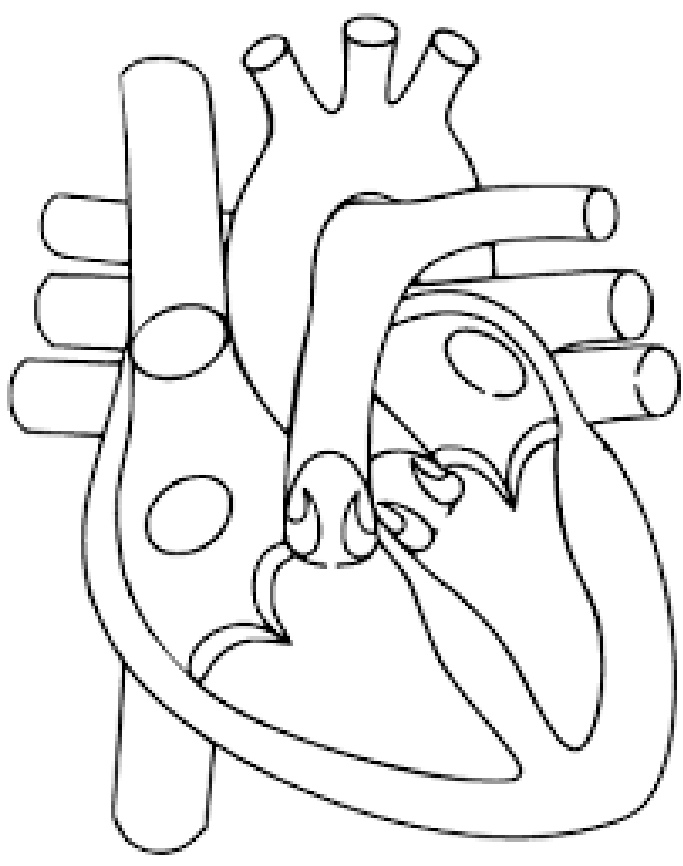
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13. What are the three types of blood vessels? (1 mark)

a)..... b)..... c).....

14. Label this diagram of the heart (12 marks)



15. What are the characteristics of a capillary? (2 marks)

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16. What are the four components of blood? (1 mark)

a)..... b).....

c)..... d).....

17. Explain what happens to the lungs during inhalation/inspiration (3 marks).

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18. Explain what happens to the lungs during exhalation/expiration (3 marks).

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19. Describe what happens during gaseous exchange (4 marks).

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20. Label this diagram (10 marks)

