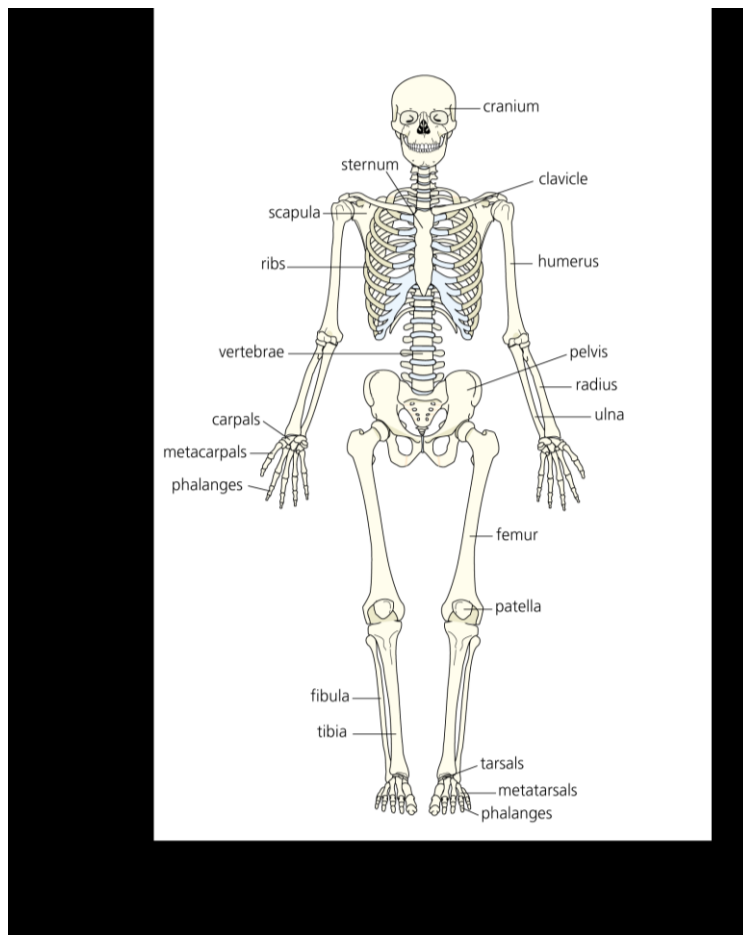


Mark Scheme – Homework 1.2.5 – Skeletal System



2. D – Vitamin D

3.

Question Number	Answer	Mark
7(a)	<p>Any two from following:</p> <ol style="list-style-type: none"> 1. Fractured cheek/cranium/skull/jaw / broken teeth/nose 2. Dislocated jaw/ (accept nose) 3. Bruising / black eye 4. Cuts/abrasions/friction burns/nose bleed 5. Concussion 6. Although not on specification accept detached retina/equiv / whiplash <p>NB maximum one injury per line, e.g. 1 mark for broken nose / broken jaw</p> <p>Do not accept swollen eye / head injury / shock Do not accept brain damage / soft tissue injury / neck injury / dizziness Do not accept fracture/dislocation on their own</p> <p style="text-align: right;">(2 x 1)</p>	(2)

Question Number	Answer	Mark
7(b)	<ol style="list-style-type: none"> 1. RICE 2. rest, ice, compression, elevation 3. rest, ice, comfortable support, elevation 	

Question Number	Answer	Mark
7(c)	<p>Any three from following:</p> <ol style="list-style-type: none"> 1. Warm up 2. Application of rules (e.g. studs not showing in tackle / remove jewellery) / officials / lifeguards 3. Correct fitness level/PAR-Q/adequate recovery allowed 4. Correct clothing/footwear/personal effects (allow shin pads, helmets, gum shields i.e. things you put on) 5. Balanced competition/all aspects 6. Correct equipment (e.g. crash mats/padding around posts) / resources (e.g. spotters) 7. Check grounds / performance area / risk assessment/ equiv <p>NB. If activity not stated use first answer to establish nature of activity on which to base relevance of response. If applicable to any activity credit, e.g. warm-up</p> <p>Do not accept cool-down</p> <p style="text-align: right;">(3 x 1)</p>	(3)

Question Number	Answer	Mark
11	<p>Any two of the following:</p> <ol style="list-style-type: none"> 1. Allows movement (through the use of joints)/equiv 2. Provides a place for muscle attachment/equiv 3. Protects vital <u>organs</u> (so can play sport) /protection to reduce chances of injury/equiv 4. Provides shape/support <u>for</u> an upright position/equiv (eg support for a balance) <p>Accept answers relating to blood production (although not on spec) <u>IF</u> related to O₂ carrying energy production.</p> <p style="text-align: right;">(2 x 1)</p>	(2)

Question Number	Answer	Mark
12(a)	Bicep/s Bicep brachii	(1)

Question Number	Answer	Mark
12(b)	Abduction NOT adduction	(1)

10 –
Femur
Fibula
Tibia
Long

11 – Levers / Red blood cell production. (Do not accept – help to move unless reference to levers)

12 –
Hinge
Flexion
Extension
Hip
Ball & Socket

13 –
Tendons
Ligaments
Ligaments

Tendons
Ligaments

14 -

Protection	Bones protect vital organs	Skull – Cranium – protects brain from blow from racket or equiv.
Blood / Red blood cell production.	Made in bone marrow.	

15 –

Humerus
Radius
Ulna

16 – Biceps

17 – Pectorals / Pectoralis Major – Do not accept pecs.

19 –

Flexed
Extended
Extended
Elbow

20 –

Deltoids
Pectorals
Gastrocnemius
Abdominals
Anaerobic
Lactice Acid
Fast Twitch
Tires easily / Cant work for a long period of time.