

2018 231/3 MARKING SCHEME

Quiz		Correct Response(s)
1	a	<p>E Scapula; acc. scapulae, <i>deny marks for wrong spellings but reject if misspelling is outrageous</i> Reasons: Flat/Flattened; <i>reject broad</i>, Triangular (shaped); <i>rej triangle alone</i>, Has glenoid cavity;/ socket/depression for attachment with humerus Has spine; Has acromion; <i>rej metacromion</i> 5 max 2marks</p> <p>F Humerus; <i>deny marks for humerous, reject if misspelling is outrageous.</i> Reasons: Has trochlea; Has bicipital groove; Has rounded head for articulation with glenoid cavity/scapula; Has (greater/lesser) tubercities; 4 max 1 mark</p> <p>G Radius-Ulna/Ulna-radius/ Radius and ulna/ Radius ulna; <i>deny marks for non-outrageous misspellings, rej radius/ulna alone</i> Reasons: Olecranon process; Sigmoid notch;/ notch for articulation with humerus; 2 max 1 mark</p> <p>Note: Reasons are tied to identity</p>
	b	<p>Anterior end – ball and socket (joint); Posterior end – hinge (joint);</p>
	c	<p>All planes;/360⁰;/all directions;/ rotatoty/rotational;/ backwards and forward;/ up and down;/ side ways;</p>
	d	<p>i) Bone marrow; ii) Manufacture of (red/white) blood cells; <i>rej if ans d(i) rejected.</i></p>
	e	<p>i) Bicep(s); <i>deny marks for biscep(s), biceps,</i> ii) Relaxes and contracts to cause movement of the lower arm; / Relaxes and contracts to move the lower arm downwards and upwards(respectively); / Relaxes to straighten/stretch the arm; / Contracts to bend/flex the arm; (ii) tied to (i)</p>
2	a	<p>i) J – Red blood cell(s);/Erythrocyte(s); K – White blood cells;/Leucocyte(s); <i>acc. Basophil/Neutrophil/Eosinophil,</i> L – Platelet(s);/ Thrombocyte(s);</p>
		<p>ii) Considered only if the corresponding answer in a(i) is not rejected. J- transport respiratory gases/oxygen/carbon(IV) oxide; K- Protection against pathogens/disease causing microorganisms; L- blood clotting;</p>
	b	<p>i) Amoebic dysentery;/ Amoebiasis; <i>deny marks for amoebic dysentry.</i> ii) <i>Entamoeba histolytica;</i> <i>observe correct spellings and binomial rules.</i> iii) – proper food storage/keeping food covered; - Boiling/treating/chlorinating drinking water; - Proper cooking of food;</p>

		<ul style="list-style-type: none"> - Proper fecal disposal in pit latrines/toilets; - Keeping the toilets clean; - Washing hands before handling food/after visiting the toilet/washing fruits before eating; <p style="text-align: right;"><i>Mark first two, max 2 marks</i></p> <p>iv) - (abdominal) pain/abdominal ache; <i>rej stomachache</i>,</p> <ul style="list-style-type: none"> - Bloody stool;/ bleeding (in the intestines) - Impaired digestion;/ impaired absorption of food. <p style="text-align: right;"><i>Any 2, max 2marks.</i></p> <p>Note: (ii) and (iii) tied to (i)</p>
3	a	<p>i) Fruit; <i>rej pod</i></p> <p>ii) - Has two scars/point of attachment to the receptacle and point of attachment to the style;</p> <ul style="list-style-type: none"> - Has seeds; - Has pericarp; fruit wall;/epicarp, mesocarp and endocarp fused; <p>Note: (ii) tied to (i)</p>
	b	<p>Drawing – 2 marks</p> <p>D1 – continuous outline of all structures including seeds</p> <ul style="list-style-type: none"> - No shading <p>D2 – At least 2 seeds</p> <ul style="list-style-type: none"> - Placenta with double lines. <p>Labeling – 3 marks</p> <p>Labeling lines should touch the structure, no arrows.</p> <p>Correct identity and spelling of the structure(s)</p> <p><i>Expected structures – seed(s), fruit stalk, funicle/seed stalk, pericarp, placenta, remains of style. (6 max 3 marks)</i></p> <p><i>*Rej. If</i></p> <ul style="list-style-type: none"> - <i>Wrong diagram drawn</i> - <i>Two different diagrams are drawn, labeled or not.</i> - <i>If both T.S and L.S are presented.</i> <p><i>*If two similar diagrams are drawn, mark the 1st one, otherwise mark the labelled one.</i></p> <p><i>*If T.S drawn instead of L.S, mark only labelling accordingly then divide the score by 2.</i></p> <p><i>*If both halves are drawn attached with a straight line, reject both D1 and D2.</i></p>
		<p>i) Magnification = drawing length; ÷ actual length;</p> <p><i>Acc. Correct statement.</i></p> <p><i>Rej. If (i) blank or drawing obviously outside the expected.</i></p>
		<p>ii) Self;/ explosive;/ self-dispersal;/ self-explosive;</p> <p><i>Rej. Rej. Self-explosion/self-dispersion/censor mechanism;</i></p>
		<p>iii) When the pod dries/loses water; pressure within (the pod) builds; the pod splits open along the lines of weakness/sutures;</p>