



Q	Answer as per MS	Marks	NOTES
1	each row in this order:		Each row in the order :
i	<b>F A E</b> <b>C B</b>		<b>F A E</b> <b>C B D</b>
ii	prokaryote		Prokaryote.
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2	presence of genetic material / DNA / RNA ;  presence of protein ;		In both, genetic material is present in the form of RNA .
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3	<b>1</b> produces a toxin ;  <b>2</b> bacteria / toxin, attach to the wall of the, small / large, intestine ;  <b>3</b> correct ref to chloride ions ;  <b>4</b> secretion / loss, chloride ions, into the, small intestine ;  <b>5</b> causing a water potential gradient / water potential of the intestinal lumen is lowered ;  <b>6</b> causing osmotic movement of water into the gut / water flows from, the cells / blood, into the, lumen / gut ;  <b>7</b> loss of salts from the blood ;		The bacteria produce a toxin which attaches itself to the wall of the



	8 causing, diarrhoea / dehydration ;		
ii	oral rehydration (therapy / salts / treatment / solution) ; in-take of water, sugar and, salt / ions ; antibiotics ;		Oral rehydration solution and antibiotic are used.
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4	three pairs of legs ; three (named) body segments ; wings ; (pair of) antennae ; compound eyes ;		<ol style="list-style-type: none"> <li>1. three pairs of legs .</li> <li>2. three body segments (head, thorax and abdomen ) .</li> <li>3. Wings .</li> </ol>
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5	two cotyledons ; broad leaves ; leaves with branching veins ; petioles ; flower parts in multiples of four or five / flower parts not in threes ; pollen with three furrows or pores ; stem vascular bundles in a ring ; roots, develop from		Tap root system .
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6	birds / Aves ; Any two features for max 1 ; <ul style="list-style-type: none"> <li>• feathers</li> <li>• beak / bill</li> <li>• hard-shelled eggs</li> </ul>		Vertebrate group : Aves .  Features 1. : Feathers .  Features 2. : Beak or bill .



	<ul style="list-style-type: none"><li>• scaly legs</li><li>• no teeth</li><li>• air sacs</li><li>• light-weight skeletons</li><li>• AVP</li></ul>		
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<b>7</b>	<p>1 (isolated) group of individual animals / AW ;</p> <p>2 of, one / the same, species ;</p> <p>3 living in the same, habitat / ecosystem / environment / area / place / location ;</p> <p>4 at the same time ;</p>		Members of the same species (barbadensis) living in the same habitat at the same time .
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<b>8</b>	<p>genetic material ;</p> <p>protein coat ; parasitic / pathogenic ; only reproduce in a host / do not show (other) features of living organisms / AW ;</p> <p>very small ;</p> <p>they are not cellular / absence of named organelle; AVP ;</p> <p>cannot be killed / cannot be treated, with antibiotics.</p>		<ol style="list-style-type: none"><li>1. similar protein coat (except cold causing virus).</li><li>2. only reproduce in a host.</li></ol>
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9	shape / size / AW ; genetic material (sequence / type) ; host species / type of disease it causes ; AVP ;		Sequences of genetic materials.
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10	<i>Helicobacter</i> ;		<i>Helicobacter</i> .
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