

Year 10 Biology
November 2024
Revision Checklist



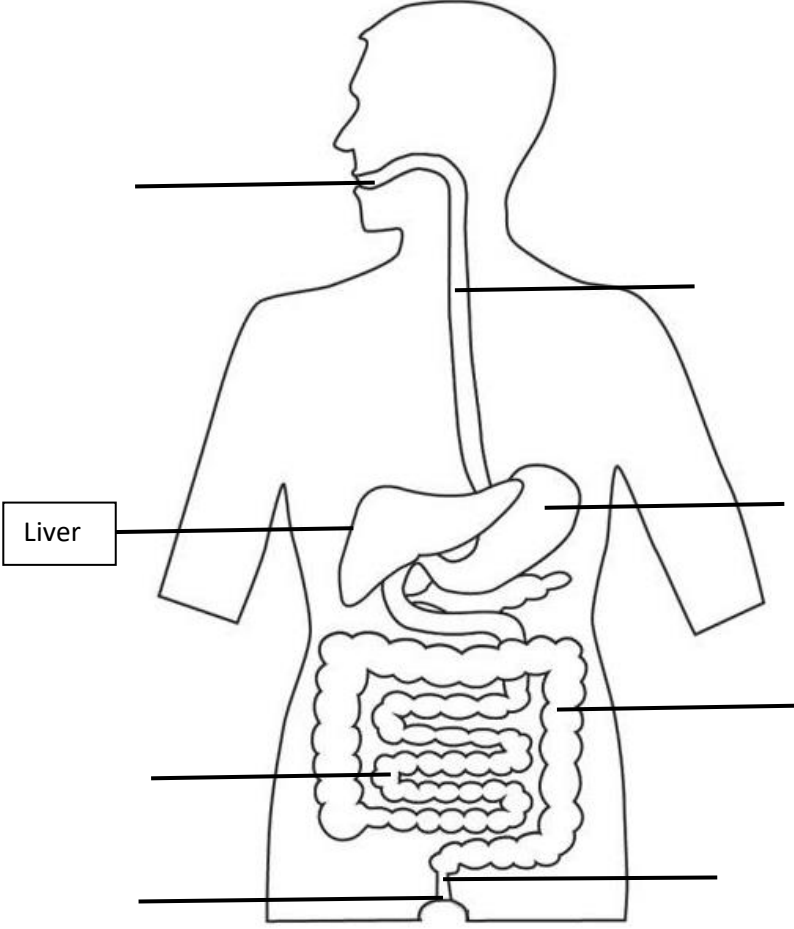
Bring the following to the exam:
Pencil
Ruler (a 30cm ruler would be best)
Rubber
Calculator



The exam will last 45 minutes and cover only the following Year 10 learning outcomes:

Diet and Digestion 1-21 (+ Energy in food Investigation) Blood and Circulation 1-2

Learning Outcome	Use your Booklets to note the key facts for each outcome
1	<i>5 reasons we need food</i>
2 3 4	<i>Healthy Diet components source and Function</i>
5	<i>Deficiency diseases lack of:</i> <div style="display: flex; justify-content: space-around; width: 100%;"> <i>Vit C</i> <i>Vit D</i> <i>Calcium</i> <i>Iron</i> </div>
6	<i>Malnutrition means-</i> <i>Starvation means –</i>
7	<i>Food tests: name reagent(s)/how to perform test/colour changes if positive/</i> <i>Starch</i> <i>Sugar</i> <i>Protein</i> <i>Fat</i>
8	<i>Draw a labelled tooth</i>
9	<i>Name 4 types of tooth</i> 1 2 3 4
10	<i>Describe how tooth decay happens.</i>
11	<i>Describe how prevent tooth decay. (3 key points)</i> <ul style="list-style-type: none"> • • •

Learning Outcome	Use your Booklets to note the key facts for each outcome
12	<p>How are the following animals teeth different:</p> <p>Herbivores</p> <p>Carnivores</p> <p>Omnivores</p>
13	<p>What is:</p> <p>PHYSICAL DIGESTION-</p> <p>CHEMICAL DIGESTION-</p>
14 15	<p>What is an enzyme and what does it do?</p>
16	<p>What are the 5 key processes in feeding and describe each (see page 10)</p> <p>Describe the process of peristalsis</p>
17	<p>How does fibre help peristalsis</p>
18 19	<p>Label the digestive system and state function of key structures</p> 

Learning Outcome	Use your Booklets to note the key facts for each outcome
20	<p>List and explain the adaptations of the ileum for absorption</p> <ol style="list-style-type: none"> 1. 2. 3. 4.
21	<p>Explain each term</p> <ol style="list-style-type: none"> 1. Ingestion 2. Digestion 3. Absorption 4. Assimilation 5. Egestion

Blood and Circulation Los 1&2

Learning Outcome	Use your Booklets to note the key facts for each outcome
1	<p>List the 4 components of blood – draw/describe each</p> <ol style="list-style-type: none"> 1. 2. 3. 4.
2	<p>State the function of each of the 4 components of blood.</p> <ol style="list-style-type: none"> 1. 2. 3. 4.

Practical – Investigating energy content of food

Draw the apparatus you would use.

Describe how you would use this apparatus