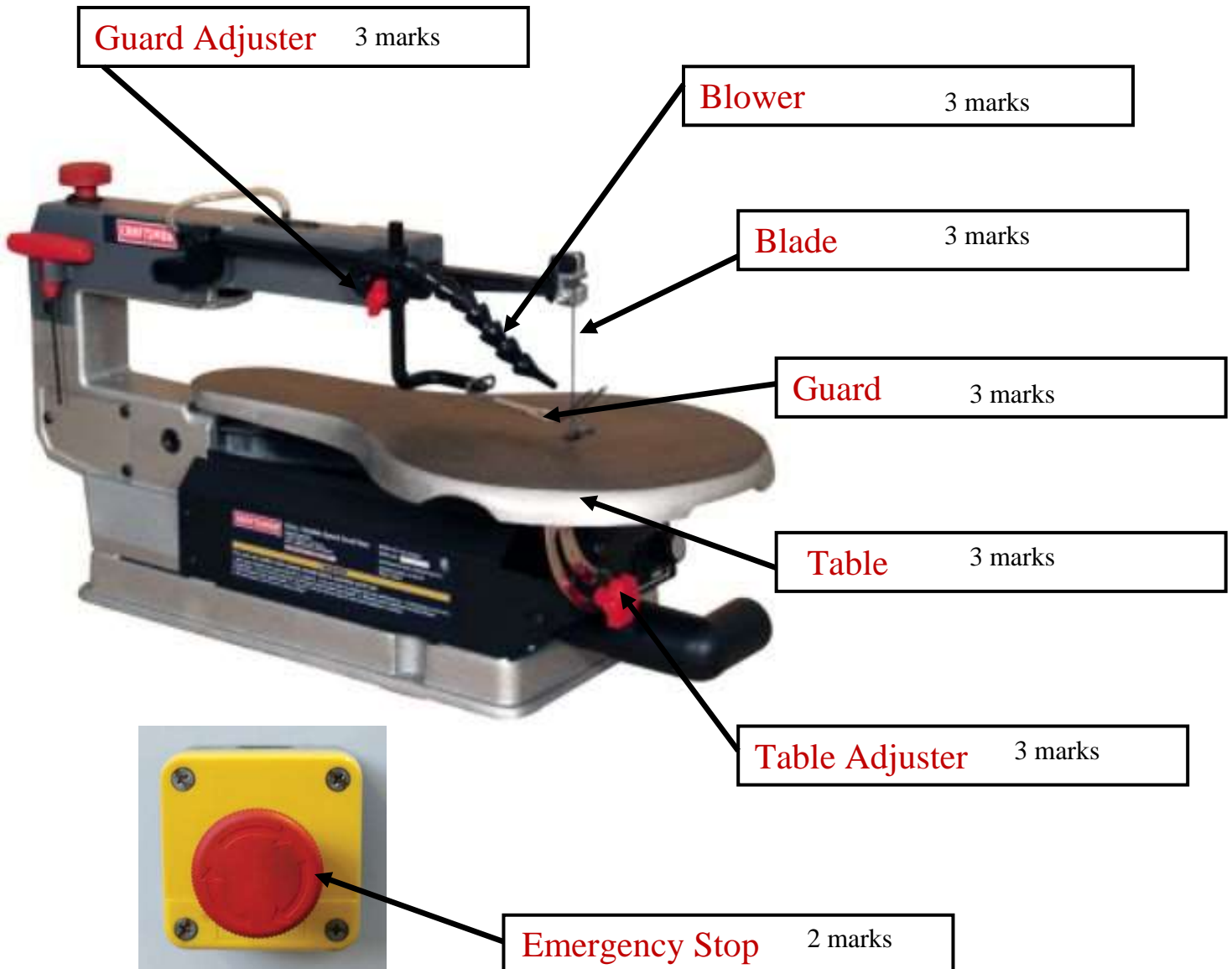


Scroll Saw Theory Test Solution

1. Label the parts of the scroll saw from the following list:
(Guard Adjuster, Guard, Table, Blower, Emergency Stop, Table Adjuster, Blade)



20 marks

2. What is the **most important** piece of Personal Protective Equipment (PPE) that must be worn at all times when using the Scroll saw?

- Safety Glasses

12 marks

3. Outline safety measures that must be undertaken with clothes, long hair and jewellery before using the scroll saw.

- Any baggie clothes should be removed or tied up; sleeves can also be rolled up.
- Tie up long hair.
- Take off any jewellery.

(4 marks for each correct answer)

12 marks

4. How do you check that the blade is in tension before using the machine?

- Making sure the scroll saw is plugged out flick the blade with finger.

12 marks

5. In the case of an emergency what button do you push to cut electrical power to the motor?

- The Emergency Stop

12 marks

NOTE: The following questions are all multiple choice. Please place a tick/mark in the box beside the answer you feel is the **most suitable**.

6. What is the minimum height the guard should be above the workpiece?

☒ A: 10mm

☐ B: 20mm

☐ C: 30mm

☐ D: 40mm

8 marks

7. What is the reason for the blower on the scroll saw?

☐ A: To protect the blade from getting worn

☐ B: To keep the blade cool during cutting process

☒ C: To keep dust away from the line that needs to be cut

☐ D: Earmuffs

8 marks

8. When the machine is running it is important to:

☒ A: Maintain full concentration and act safely

☐ B: Double check that the chuck is tight

☐ C: Start putting on your Personal Protective Equipment (PPE)

☐ D: Adjust the table height

8 marks

9. When using the scroll saw it is important to:

☐ A: Hold the scroll saw with your left hand to prevent vibration

☒ B: Always use both hands to rotate and guide the work piece

☐ C: Brush or flick away the waste material

☐ D: Take off your safety goggles so you can see clearer

8 marks