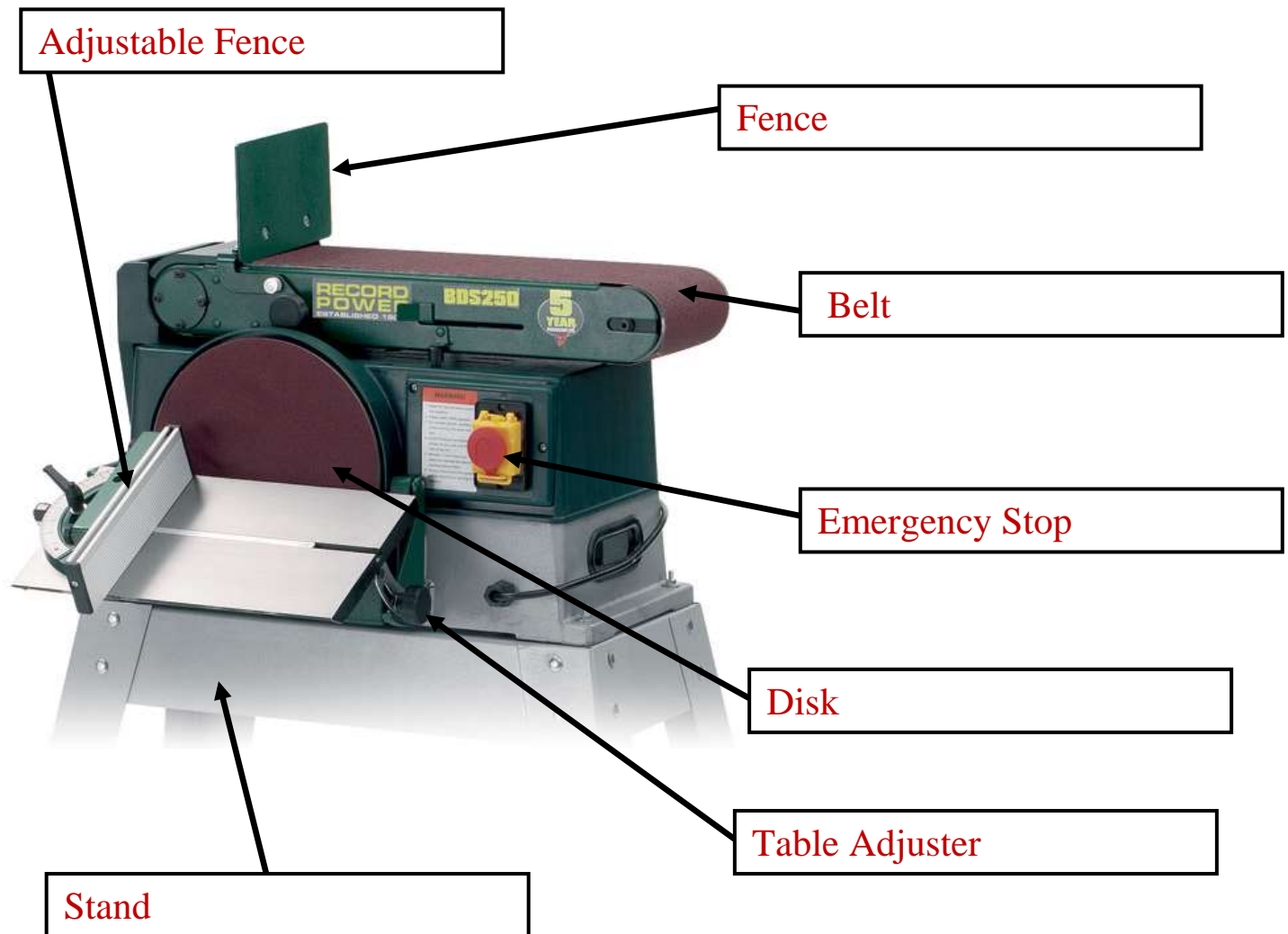


Belt and Disk Sander Theory Test Solution

1. Label the parts of the Belt & Disk Sander from the following list:
(Fence, Belt, Emergency Stop, Disk, Adjustable Fence, Table Adjuster, Stand)



(3 marks for each correct mark)

21 marks

2. What are the two most important pieces of Personal Protective Equipment (PPE) that must be worn at all times when using the Belt and Disk Sander?

- Safety Glasses
- Dusk mask

(8 marks for each correct answer)

16 marks

3. Outline three safety measures that must be undertaken before operating the Belt and Disk Sander:

- Put on Safety Goggles.
- Put on dust mask
- Take off any jewellery.
- Tie up loose clothing and long hair.
- Roll up sleeves.
- Turn on extraction machine.

(5 marks for each correct answer)

15 marks

4. Why is it important never to reach across the Belt and Disk Sander to turn it off?

- Your clothes could become entangled in the machine
- You could get a nasty cut if the belt or disk came in contact with your skin.

(Except either answer)

16 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**.

5. When changing the Belt or Disk what is the first thing that should be done to the Sander?

- ☐ A: All dust should be brushed off machine
- ☒ B: It should be plugged out
- ☐ C: The fence should be adjusted for easier access
- ☐ D: Run Sander at a low speed

8 marks

6. What angle can the disk table be adjusted to on most Belt and Disk Sanders?

- ☐ A: 90 Degrees
- ☐ B: 70 Degrees
- ☐ C: 60 Degrees
- ☒ D: 45 Degrees

8 marks

7. When using the Belt and Disk Sander it is important to:

- ☐ A: Never wear baggie clothes
- ☐ B: Keep two hands on the workpiece
- ☐ C: Turn off machine when finished sanding
- ☒ D: All of the above

8 marks

8. When the Belt and Disk Sander is in operation it is important to:

- ☒ A: Maintain full concentration and act safely
- ☐ B: Keep your friends updated on how the machine is running
- ☐ C: Start putting on your Personal Protective Equipment (PPE)
- ☐ D: Adjust the table height

8 marks