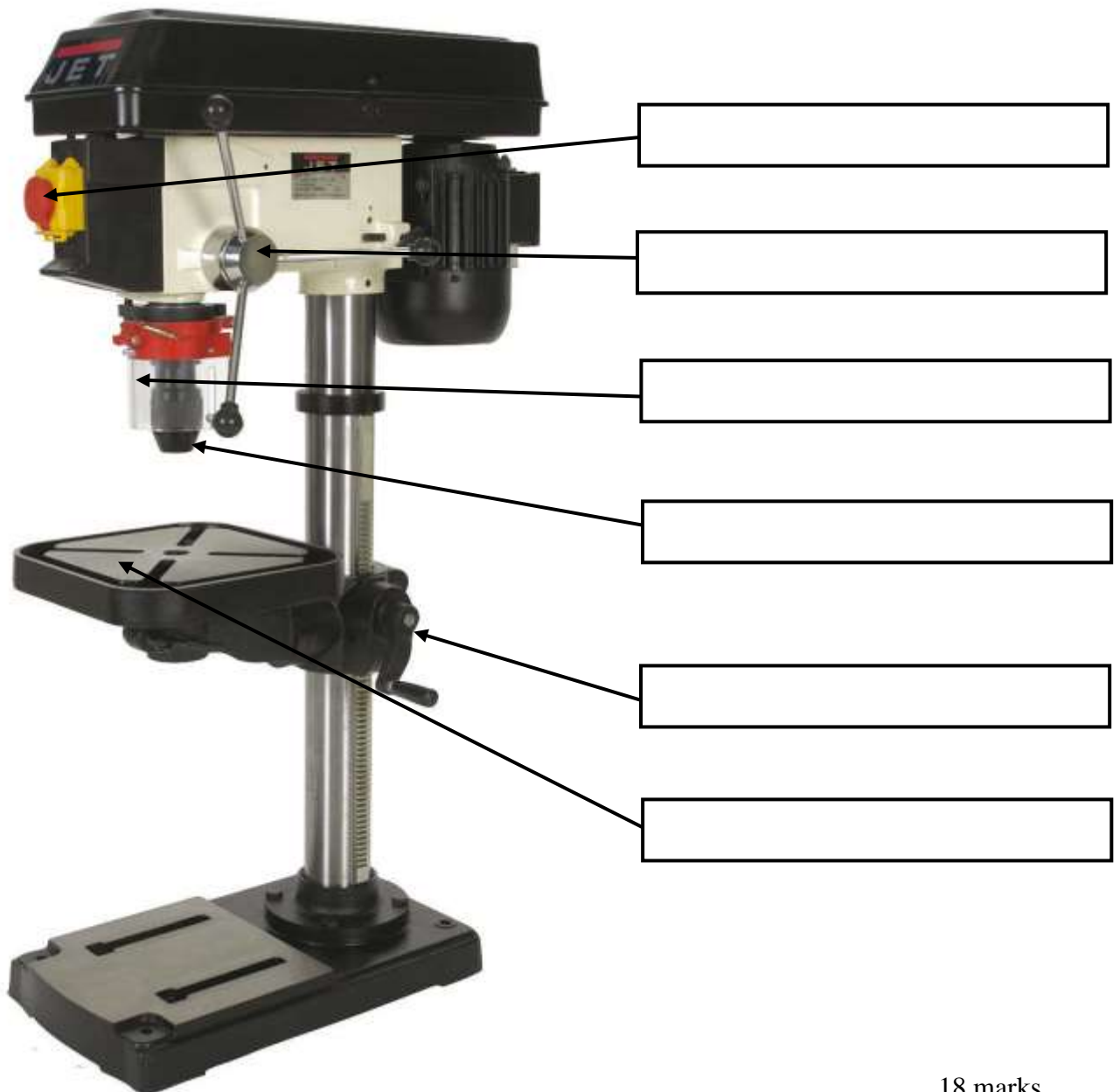


Pillar Drill Theory Test

Name of Student	
Class	
Grade	

NOTE: Students must achieve 80% or higher to pass the test

1. Label the parts of the Pillar Drill from the following list:
(Height Adjuster, Safety Guard, Table, Chuck, Emergency Stop, Handle)



18 marks

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

11 marks

2. Outline three safety measures that must be undertaken before using the pillar drill?

15 marks

3. After you have hand tightened the drill bit in the chuck what is the next step?

12 marks

4. What is the height adjuster used for?

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**.

5. The pillar drill can be used for:

- ☐ A: Woodturning
- ☐ B: Drilling accurate holes that are perpendicular to the work piece
- ☐ C: Sharpening a blunt chisel
- ☐ D: All of the above

8 marks

6. Before turning on the pillar drill we must make sure that the workpiece is:

- ☐ A: Securely clamped down to the table
- ☐ B: Clean
- ☐ C: Completely sanded
- ☐ D: Knot free

8 marks

7. 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

8. When lowering the drill bit into the work piece it is important to:

- ☐ A: Keep drilling once started
- ☐ B: Raise the drill bit up every few centimetres to allow waste escape
- ☐ C: Keep your left hand firmly on the work piece
- ☐ D: Take off your safety glasses so you can see clearer

8 marks

Date Test Completed:

Student Signature: _____

TO BE COMPLETED BY THE TEACHER

Student:	Pass	Fail
	<input type="checkbox"/>	<input type="checkbox"/>

Teacher Signature: _____

Date: