

4.1 HOLDING TOOLS

SECTION A

1. A
2. C
3. C
4. A
5. B

SECTION B

6. a) Cable clips

b) Used to secure wires and cables to walls.

Keep cables neat and organised.

Hold the cables firmly in place.

Prevent wires from hanging loosely.

Reduce the risk of people tripping over wires.

Prevent damage to the wires.

Keep the working area neat and safe.

7. R-clip (R-pin)

- i) Used to hold machine parts securely.
- ii) Suitable for construction and manufacturing work.
- iii) Provides a strong hold on structural parts.

b)

A bulldog clip is unsuitable because:

It is designed mainly for holding papers.

It does not provide enough mechanical strength.

It cannot safely hold heavy machine parts.

8. a) i) Clean the tools before storing them.

ii) Remove dirt and grease.

iii) Wipe off chemicals.

iv) Dry the tools properly before storage.

b)

If the tools are not cleaned:

- i) Chemicals and moisture can cause rust.
- ii) Metal parts may corrode.
- iii) The tools may become weak or damaged.
- iv) Their performance and working life will be reduced.

9. a) i) Store holding tools in a dry place.
- ii) Keep them in a toolbox, cabinet or rack.
 - iii) Clean and dry them before storage.
 - iv) Store them safely to prevent damage.

b)

i) Moisture causes metal tools to rust.

ii) Rust weakens and damages the tools.

- iii) Proper storage makes tools easy to find.
- iv) It saves time and keeps the workshop safe and organised.