1. WHY DO METALS NEED TO BE PROTECTED WITH A FINISH?

2. WHAT IS ANODISING? Include a labelled sketch.

3. DESCRIBE THE PRACTICAL APPLICATION OF ANODISED METALS. Include a list of metals that can be anodised.

4. WHAT IS A MACHINED FINISH? Include images of some examples.

5. DESCRIBE THE PROCESS CALLED ‘PLANISHING’. Include sample images.

6. DESCRIBE TWO WAYS PAINT CAN BE APPLIED TO A METAL SURFACE.

7. WHAT IS POWDER COATING? Include a description and sketch of the process.

8. WHEN IS LACQUER THE PREFERRED FINISH FOR A METAL? Include images of lacquered products.

9. DESCRIBE THE PROCESS CALLED ELECTROPLATING. Include images of products finished through this technique.

10. WHAT IS ‘CHEMICAL BLACKING’? WHY IS IT CARRIED OUT?

11. DESCRIBE THE DECORATIVE PROCESS CALLED ETCHING. Include images of products that have been etched.

12. BRIEFLY, WHAT IS HARDENING AND TEMPERING? WHY IS STEEL SOMETIMES HARDENED AND TEMPERED?

13. DESCRIBE THE CASE HARDENING PROCESS. Include sketches.

14. HOW IS A METAL SURFACE POLISHED?