1. WHAT ARE COMPUTER GENERATED MODELS (CAD)?
   Include a few images.

2. WHAT DOES ‘CNC’ MEAN?
   Include a diagram / sketch.

3. EXPLAIN THE ROLE PLAYED BY COORDINATES, IN CNC WORK.
   Include a diagram / sketch.

4. LIST FOUR ADVANTAGES AND FOUR DISADVANTAGES OF CNC MACHINES

5. DRAW A LABELLED DIAGRAM OF A TYPICAL CNC ROUTER.

6. SKETCH AND DESCRIBE THE INPUT, PROCESS AND OUTPUT, OF A TYPICAL CNC MACHINE.

7. DESCRIBE A CNC TURNING CENTRE.
   Paste an image of this type of machine.

8. WHAT IS A VERTICAL AXIS CNC CENTRE? Include an image of a vertical CNC Centre, that has been set up to operate a turret and live tools.

9. DRAW A LABELLED DIAGRAM OF A FILAMENT SPOOL 3D PRINTER.

10. PASTE FOUR IMAGES OF 3D PRINTED PRODUCTS.

11. DESCRIBE STEREOLITHOGRAPHY.
    Include a diagram.

12. WHAT ARE THE ADVANTAGES AND DISADVANTAGES OF STEREOLITHOGRAPHY?

13. WHAT TYPE OF WORK CAN BE CARRIED OUT BY A LASER CUTTER? Include two images of products manufactured in this way.

14. WHAT IS A WATER JET CUTTER? Describe its basic operation.

15. EXPLAIN THE USE OF A VINYL CUTTER.