WHERE POSSIBLE, ANSWER ALL QUESTIONS, WITH NOTES AND SKETCHES. CLICK ON THE F1 RACING CARS FOR HELPFUL LINKS.

1. SKETCH AND DESCRIBE A TYPICAL CROSS HALVING JOINT

2. SKETCH A HALF LAP and A TEE HALVING JOINT. When do you think they could be useful?

3. WHEN IS A DOVETAIL HALVING JOINT REQUIRED? Include a sketch of this joint.

4. WHAT IS A PLAIN BRIDLE JOINT? Include a sketch.

5. SKETCH A PLAIN MORTISE AND TENON. What glues are typically used with this joint?

6. SKETCH / PASTE AN IMAGE OF A WEDGED MORTISE AND TENON JOINT. What is its advantage over a plain mortise and tenon joint?

7. WHAT IS A DOWELLED MORTISE AND TENON JOINT? PASTE / SKETCH AN IMAGE.

8. WHAT ARE DOVETAIL JOINTS? WHEN ARE THEY USED? Include a sketch.

9. SKETCH A FINGER JOINT AND EXPLAIN WHEN THEY ARE USED.

10. WHAT IS A SHOULDER / REBATE / LAPPED JOINT? Include an image.

11. WHAT IS THE PURPOSE OF KNOCK-DOWN (K/D) JOINTS? LIST SOME ADVANTAGES OF K/D JOINTS?

12. SKETCH A PLASTIC CORNER BLOCK (FIXIT BLOCKS).

13. WHEN WOULD A PLASTIC MOULDED ‘RIGID JOINT’ BE USED? Include a quick sketch.

14. PASTE AN IMAGE OF A SCAN FITTING.

15. PASTE AN IMAGE OF A ‘CAM LOCK’. Describe how it works.

16. WHAT IS A TABLE PLATE AND HOW IS IT USED? Include a sketch / paste an image.