FURNITURE CONSTRUCTION AND SELECTION

1. List three qualities of hardwoods.
   Greater dimensional stability
   Less pitch
   More durability
   Harder
   Holds nails and screws better
   Less likely to dent

2. Name three hardwoods commonly used in furniture construction.
   Cherry
   Maple
   Pecan
   Oak
   Walnut

3. Name two qualities of softwoods.
   Develops checks and cracks
   Not as strong as hardwood
   Less expensive than hardwood

4. Name two softwoods commonly used in furniture construction.
   Cedar
   Pine
   Redwood
   Cypress

5. What are veneers?
   Thin slices of wood

6. Name two advantages of using veneers in furniture construction.
   Good to use when solid wood is too expensive
   Good to use when solid wood is too heavy
   Greater strength
   Less cost

7. Explain why furniture joints are important.
   They affect the life of the furniture, its durability, and its strength.

8. List five types of furniture joints.
   Butt, rabbet, dado, lap, dowel, mortise-and-tenon, tongue and groove, spline, dovetail, blocking

9. Describe the principal parts of a piece of upholstered furniture.
   a. Frame—Should be kiln dried hardwood. Joints should be strengthened.
b. Cushioning Materials—Springs in seat bases, thick cushioning applied over springs and frame. Foam, fiberfill, and down are used.

10. How many coils should a good quality mattress have?
300

11. Name and describe the three types of support springs used in mattress construction.
Box springs: coils attached to a base covered with padding
Coil springs: same as box, but not covered or padded
Flat springs: frame with flat springs

12. List 2 metals used in furniture construction.
Aluminum
Iron
Steel

13. Give two examples of how metals are used in furniture construction.
Lawn chairs
Outdoor furniture
Modern furniture

14. What are the advantages of using metals in furniture construction?
Can be light or heavy, inexpensive, strong

15. What are the disadvantages of using metals in furniture construction?
Bends, dents, brittle, rusts, tarnishes

16. List five advantages of using plastic in furniture construction
Imitates other materials
Light weight
Durable
Inexpensive
Easy to clean

17. Identify three things you should check for when buying case furniture.
Surface finish, back, inside, solid construction, sturdy base, working parts, drawers open smoothly

18. Identify three things you should check for when buying upholstered furniture.
Zippers, underlining, spring quality, comfort

19. What information and materials should you take with you when shopping for furniture?
Measurements: what size are door openings
Colors: carpet, wallpaper, paint, fabric to match