1) Why was a magic corner/pull out added to the blind corner cabinet in the Grand's kitchen?
A. To meet code.
B. To meet customer request.
C. To meet the linear feet of shelving requirement.
D. To have a functional storage device in corner cabinet.

2) Which of the following is the correct lighting requirement for the Grand’s kitchen?
A. Under cabinet lighting, general lighting, pendant over sink, behind door, hood fan light.
B. Under cabinet lighting, general lighting, pendant over sink, hood fan light.
C. Under cabinet lighting, general lighting, hood fan light.
D. General lighting, sink pendant, hood fan light.

3) If the Grand’s have multiple cooks in the kitchen, the recommended width between the end of
the peninsula and the counter frontage should be:
A. 30"
B. 36"
C. 42"
D. 48"

4) If the Grands will be unloading their dishes and putting them in the upper cabinet next to the
refrigerator, where should the dishwasher be relocated?
A. To the left of the sink.
B. Beside the refrigerator.
C. The dishwasher should remain where it is.
D. To the left of the cooktop.

5) Why were cabinets placed behind the cooktop in the Grand kitchen?
A. Extra storage was needed.
B. The countertop should extend a minimum of 12" behind the cooking surface.
C. The countertop should extend a minimum of 9" behind the cooking surface.
D. To meet landing area space requirement of 15" x 16"; 12" x 16".
6) Why would a designer recommend increasing to a 42" walkway between the dishwasher and peninsula in the Grand kitchen?

A. In the current solution, the dishwasher door conflicts with the peninsula.
B. To meet the work triangle requirement.
C. Create room for seating.
D. When the dishwasher is open, there will be passage available.

7) In designing a preparation area for the Grands' kitchen, which of the following is correct?

A. There is a prep area to the left of the sink.
B. There is a 36" x 24" prep area next to the refrigerator.
C. There is a prep area on the peninsula.
D. There is not the recommended 36" x 24" prep area to one side of the sink.

8) In the solution floor plan for the Grands' kitchen, how does the peninsula with cooktop meet the cooking landing area recommendation?

A. There is at least 12" of landing left and right of cooktop, and at least 9" behind cooktop.
B. There is 51" between cooktop and refrigerator.
C. There is at least 12" on each side of cooktop and at least 12" behind cooktop.
D. There is no seating on back of peninsula.

9) When designing a kitchen corner, which of the following needs to be adhered to?

A. As long as one can reach into the corner cabinet, that is adequate.
B. Should not use corner cabinets.
C. At least one corner cabinet needs a functional storage device.
D. All corner cabinets need to have functional storage devices.

10) Which of the following is the minimum lighting requirements recommended by the NKBA?

A. General lighting as required by code, with task lighting over all countertops.
B. Lighting must be based upon customer's requests.
C. Decorative lighting with task lighting over all countertops.
D. General lighting as required by code.
11) What additional natural lighting did the Grands request?
   A. A 36" wide garden window in front of the sink.
   B. Solar tube skylight.
   C. An exterior door on the west wall with a window in it.
   D. Three additional windows on the north wall.

12) For the Grand kitchen to be more efficient, which of the following is the recommended size of the work aisle?
   A. 48" for one aisle and 42" for the other aisle.
   B. Alice Grand mainly uses the kitchen and requires 40" aisle.
   C. Phil and George Grand prep meals together and require 48" work aisle.
   D. 38" for both aisles.

13) The Grands would like to be seated in the kitchen per their request. What is the recommended seating clearance?
   A. Each person needs a minimum of 18".
   B. 30" - 36" per person.
   C. 48" - 54" for two people.
   D. 24" per person.

14) The Grand's cabinet peninsula with the cooktop should be made smaller because:
   A. Dishwasher will hit peninsula when opened.
   B. Dishwasher will interfere with cooktop.
   C. Ventilation need to be closer to wall.
   D. Does not allow for a minimum 42" one person usage.

15) The Grands would like a display cabinet. They require a W3912 cabinet minimum. What is the shelf frontage if the cabinet has 3 shelves?
   A. 3.25 linear feet
   B. 100 inches
   C. 9.75 linear feet
   D. 39 square feet
16) The Grands want a well lit kitchen. Which of the following light fixtures is closest to natural light and would work for their kitchen?

A. All halogen fixtures.
B. 5000 Kelvin fluorescent.
C. Incandescent fixtures with a color temperature of 2500 kelvin.
D. 4000 kelvin LED recessed fixture.

17) Which of the following needs to be considered if the Grand’s decide to add a secondary sink on the south wall for Phil’s mother who uses a wheelchair?

A. Lower countertop to 24”; allow 9” high minimum toe clearance; 11” minimum knee clearance; plumbing protected.
B. Lower countertop to 34”; allow 6” high minimum toe clearance; plumbing protected.
C. Lower countertop to 34”; allow 9” high minimum toe clearance; 11” minimum knee clearance; plumbing protected.
D. Lower countertop to 34”; allow 9” high minimum toe clearance; 6” minimum knee clearance; plumbing protected.

18) Which of the following is the recommended preparation space needed next to the primary sink?

A. 18” x 24”
B. 24” x 36”
C. 36” x 24”
D. 42” x 24”

19) Which of the following are two mistakes in the solution for the Grand’s kitchen work area?

A. Hood and cooktop not shown; no dimensions on east wall.
B. Work area not 42”; only one seated diner.
C. Window B not removed; no clipped corners.
D. No lazy susan; oven/microwave cabinet called out.

20) Which of the following kitchen flooring and decorative surfaces were requested by the Grands?

A. Engineered wood floor, patch both walls and ceilings, paint by others, top down and bottom up shades.
B. Thin set ceramic tile, mixed sizes; new drywall, patch ceiling, and prime paint.
C. Travertine (mix 18” x 18” and 6” x 18”), new drywall, paint, patch ceiling, new blinds.
D. Travertine 18” x 18” stone; new drywall; paint; patch ceiling; and new blinds.
21) After the countertops were installed for the Grand project, what type of backsplash was requested?

A. 4” high back splash.
B. Match to counter, full height.
C. Full height ceramic tile, glass accents.
D. Porcelain stone similar to floor, 6” x 6” diagonal.

22) Which of the following are cooking appliances specified for the Grand kitchen?

A. Slide in range with black glass front and black glass induction top; canopy hood.
B. Electric induction black glass cooktop; single convection oven, single microwave oven; stainless steel island hood.
C. Electric professional cooktop; stainless steel microwave, convection oven, and island hood.
D. Black glass fronts on microwave and convection ovens, gas cooktop, wood hood to match cabinets.

23) Which of the following combinations of finishes best reflects the requests of the Grand family?

A. Cherry; raised panel; regal finish; inset; white knobs.
B. Frameless; full overlay; recessed panel; cherry; natural finish; knobs and pulls.
C. Full overlay; framed; recessed panel; cherry; honey finish; pulls tbd.
D. Slab door; white paint; gloss finish; framed; partial overlay; stainless steel pulls and knobs.

24) To promote a better connection between the kitchen and the dining room, what changes were proposed for the Grand’s peninsula/dining room wall?

A. Remove the pantry cabinet.
B. Frame for new pass through.
C. Do not add wall cabinets to the peninsula/dining room wall.
D. Increase the doorway width.

25) Which of the following correctly describes the front panels for the Grand's appliances?

A. Wood cabinet fronts on refrigerator, dishwasher, and trash compactor.
B. Wood cabinet front on refrigerator, stainless steel fronts on dishwasher and trash compactor.
C. Stainless steel fronts on refrigerator, dishwasher, and trash compactor.
D. Stainless steel front for refrigerator and cabinet front on dishwasher.