Pretest Miscellaneous Raceways ELEA1807.06

1. What are some advantages of pancake raceway? Supplies off-the-wall locations without channeling the floor and easy to relocate

2. What is the purpose of the reinforcing member for pancake raceway and when is it used? Extra mechanical protection (wheeled carts, etc.)

3. What device is used to secure the cover on pancake raceway? Foot pressure

4. How is pancake raceway fastened to concrete? Screw anchors

5. What are wire clips used for in pancake raceway? Hold conductors in place

6. How are conductors protected where they enter a device or junction box? Fiber bushing

7. Briefly, what is the procedure for installing the cover on pancake raceway? Hook one edge then apply foot pressure

8. Can bends be made in a pancake raceway? No

9. What is the typical application of pancake raceway? Supply receptacles and communication outlets away from the wall

10. What is not the typical application of pancake raceway? Supply to lights and switches

11. How is pancake raceway extended from underfloor raceway? Junction box with an outlet in the bottom

12. What is plugmold? Two-piece raceway used to contain devices such as receptacles within the enclosure itself

13. What is a multi-outlet assembly? Purchased as a pre-wired unit for addition to an existing system
14. What is the difference between pre-wired and portable multi-outlet assemblies?  
   Receptacles are already spaced out and installed on pre-wired. They can be  
   installed anywhere along the portable assemblies

15. How is the device installed in two-piece raceway? (fastened in place) Special  
   locks and clamps

16. What is the purpose of the mounting bracket in the larger sizes of two-piece  
   raceway? Hold the device in place

17. What type of devices and cover plates are used with the larger sizes of two-piece  
   raceway? Standard devices and plates

18. What multi-outlet system is purchased in a coil and allows installation of devices  
   at any point along the system? Electrostrip

19. What are the two methods of connection to an electrostrip system? Extension cord  
   feed-in or end feed-in device (AC or conduit)

20. How much electrostrip must be stripped back at the ends for fittings? 10 mm

21. What is the best method to strip the end of electrostrip? Special stripping tool

22. What is a tele-power-pole? Multi-channel pole for supply of power and  
   communication away from the wall locations

23. How are tele-power-poles fastened? (top and bottom) Mounting foot for floor and  
   T-bar hangar for the ceiling

24. What are the two purposes of lighting fixture raceway? Provide support for the  
   fixture and house the conductors

25. What are some of the common types of support for lighting fixture raceway?  
   Directly to the ceiling, using chain and hooks, and hung using rods
26. What is the main difference between under-carpet strip and pancake raceway?

   Designed to be installed under carpets and tiles (flatter)

27. How is mechanical protection provided for under-carpet strip? Metallic top shield

28. What are the standard bends typically available for under-carpet strip? None

   (folds over itself for bends)

29. How are angle bends made in under-carpet strip? Folding and fastening with a special tool and connectors

30. What is the maximum amperage of under-carpet strip? 30 A

31. What is the purpose of the bottom shield on under-carpet strip? Prevent abrasion and puncture by foreign objects

32. What is an insulator/locator kit used for when installing under-carpet strip? Make branch circuit taps