

Module 6 - Questions

1. In most residential applications where is the service disconnect found?

2. What is the primary function of the main service disconnect?

3. What is the required size of the main service disconnect based on in new homes?

4. The main service disconnect panel provides three important safety functions. What are these functions?

5. Is it permissible to install the main service disconnect in a clothes closet?

6. Can a duplex be serviced by a single main electrical service disconnect? Why?

7. While conducting an inspection of the main service disconnect, the inspector notes that two branch circuit conductors are rerouted through the service disconnect portion of the combination electrical panel.

8. What is the maximum number of branch circuit conductors which can be run through the service disconnect panel?

9. During the inspection of the electrical system in an old house you notice that the main service conductors lead straight to the service panel and there is no main service disconnect. Is this possible? What should you recommend to the client? Why?

10. How can you ascertain the maximum current and voltage of the main service disconnect? Does the rating of the service disconnect alone indicate the service size?

11. List three reasons why a building suite should only have one service?
