

APPLICATION FOR EMPLOYMENT

REQUIRED INFORMATION

Today's Date _____/_____/_____ Position Applying For _____

Your Name _____
 First Middle Last

Home Address _____
 Number Street City Zip

Mailing (If Different) _____
 Number Street City Zip

Telephone Number _____(_____)_____ Message Phone _____(_____)_____

CITIZENSHIP

This company hires only United States citizens and aliens lawfully authorized to work in the United States. We will require all new employees to complete the designated employer's verification form (I-9).

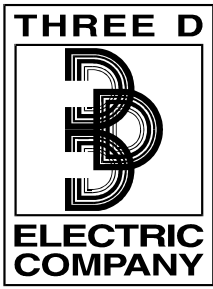
Are you a U.S. Citizen? [] Yes [] No

If you have answered "NO", are you a lawfully authorized to work in the United States? [] Yes [] No

If yes, attach/provide a copy of your **VISA**.

EXPERIENCE

From	To	Company Name	Address	Telephone #	Job Duties



THREE D ELECTRIC PLACEMENT TEST

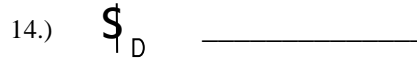
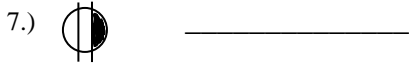
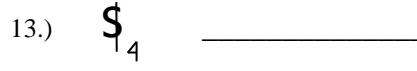
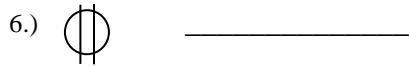
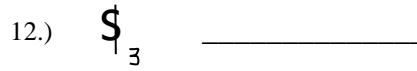
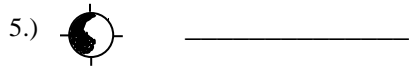
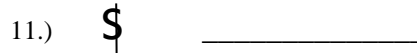
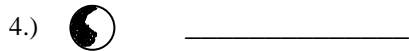
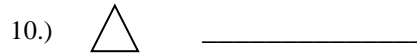
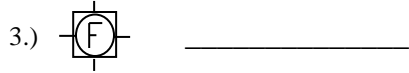
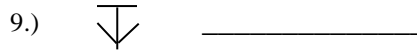
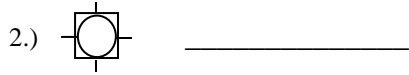
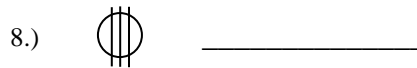
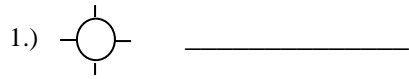
1. What is the minimum amperage of a washer circuit? _____ What is the size of the wire?

2. How many general purpose circuits are required for a medium density 2,610 sq.ft. house? _____ What is the size of the wire? _____ What is the Amperage? _____
3. How many TOTAL 20Amp circuits are required for a kitchen that has counter plugs, dishwasher, disposal and microwave? _____ What is the size of the wire _____
4. If an A/C condensor has a minimum circuit size of 38A, and a maximum fuse rating of 55A, what size and type wire do you pull to it in aluminum? _____
What size and type in copper? _____
5. If you were going to switch a hallway light from 3 different locations, what quantities and types of switches would you need? Type _____ Quantity _____, Type _____ Quantity _____
6. Which receptacles inside and outside of a house need to be GFI protected per the 2008 NEC?

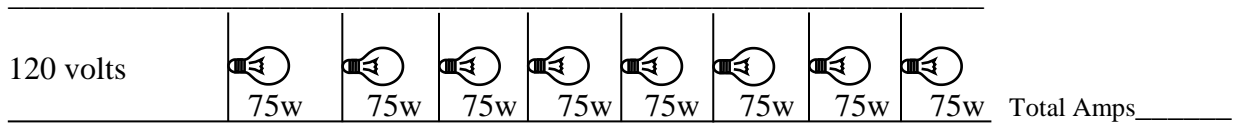
7. Which of the following light fixtures need to be grounded:
Incandescent _____
Fluorescent _____
Recessed _____
8. In a **CAT 5e** phone wire, which color is the primary line? _____ Secondary line?

What is the gauge of the wire? _____

9. Identify the following symbols:



10. Assuming lamps are incandescent, give the amperage for the following:



11. What size-grounding conductor is required for houses served with the following service size?

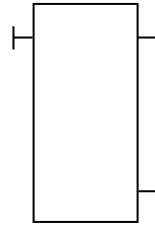
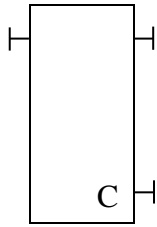
125 Amp _____ 200 Amp _____ 400 Amp _____

12. What is the allowed amperage of the following copper THHN wire (per N.E.C. 310-16)?

14 _____ 12 _____ 10 _____ 8 _____ 6 _____

13. Draw two different ways to wire a 3-way switch system:

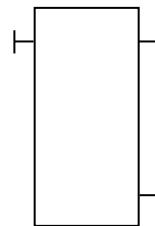
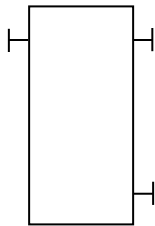
Power In



Light Fixture



Power In

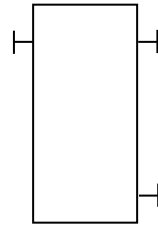
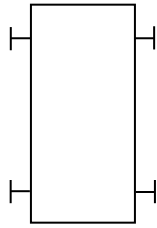
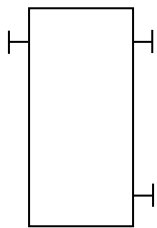


Light Fixture



14. Draw One way to wire a 4-way switch system feeding a 1/2 hot receptacle **and** a regular receptacle.

Power In



1/2 Hot
Receptacle

Regular
Receptacle

15. Besides bare, what is the color of ground wire? _____
16. What is the common color of a neutral wire? _____
17. How many wires are in a standard A/C whip? _____
18. Per 2008 NEC, what is the allowed ampacity of #10 Romex? _____
19. Which tab do you break off on a switched plug? _____
20. Per Phone Company, what is the minimum phone riser size? _____
21. What is the purpose of Noalox? _____
22. How many wires terminate on a 3-way cable splitter? _____
23. When calculating box fill, how much room does a 14ga. use? _____
24. What is the minimum ground wire size for a 125-amp panel? _____
25. On a recessed can, what do the letter "IC" stand for? _____
26. Under the 2008 NEC, how many small appliance circuits are required to be GFI protected? _____
27. How many lights & plugs circuits are required for a 1900sf. House? _____
28. What is the minimum length of rebar required for a residential ufer ground? _____
29. Name the three colors of a 277-volt system? _____
30. What is the minimum ground rod size for a 200-amp panel? _____
31. Name a size wire that is larger than 4/0? _____
32. Under the 2008 NEC, what is the minimum circuit size to bathroom receptacles? _____
33. What is the maximum allowed number of 90 bends in a conduit run? _____
34. Per PG&E green book, what is the new required riser size for residential 200A? _____
35. What is the "AIC" rating of the service equipment of a 400-amp service located 140' from the PG&E transformer? _____
36. What was the toughest question on this test? _____

WHAT BROUGHT YOU IN TODAY?

NEWSPAPER WHICH ONE?_____

TELEVISION WHAT CHANNEL?_____

REFERRAL FROM WHOM?_____

OTHER PLEASE EXPLAIN:_____
