Electrical Plans - Symbols

Directions for numbers 1-3: Read each of the following multiple-choice items and the possible answers carefully. Mark the letter of the correct answer on your answer sheet or as instructed by your teacher. REMEMBER: MAKE NO MARKS ON THIS TEST.

1. Where would you mostly likely find a “weatherproof” switch?
   A. In a bathroom.
   B. In a kitchen.
   C. In a laundry room.
   D. On the outside of the house.

2. The symbol for a “telephone” is:

   A.  
   B.  
   C.  
   D.  

3. The symbol for a duplex convenience outlet is:

   A.  
   B.  
   C.  
   D.  

Directions For Numbers 4-17. Read each of the following multiple-choice items and the possible answers carefully. Mark the letter of the correct answer on your answer sheet or as instructed by your teacher.

4. The symbol for a “fluorescent light” is:

   A.  
   B.  
   C.  
   D.  

5. The symbol for a three-way switch is best represented by:
   A. SSS.
   B. S3.
   C. 3S.
   D. 3S.
6 Which statement is **FALSE** concerning electrical plans?

A They do not consider electrical loads.
B They indicate the height of all outlets and switches above the floor.
C They do not include the design of circuits.
D They can be added to a working floor plan but will probably be difficult to read.

7 Which statement best describes the symbol for a 220 volt outlet?

A Small circle with two lines.
B Small circle with two lines and the letters WP.
C Small circle with three lines.
D Small circle with two lines and 1/3 of the circle shaded.

8 Which would **NOT** be illustrated on an electrical plan.

A Distribution panel.
B Meter.
C Main water supply.
D Lighting outlets.

9 Which is the symbol for an EXHAUST FAN?

10 Which would best describe a split-wired duplex receptacle outlet symbol on an electrical plan?

A Circle with one line.
B Circle with two lines.
C Circle with two lines and with one side shaded.
D Circle with three lines.

11 Which is the symbol for a PUSH BUTTON?

A  
B  
C  
D  

12 Which is the symbol for a 3-way switch?

A  
B  
C  
D  

13 Symbols on an electrical plan are identified by a(an): 

A Legend.
B Table of Contents.
C Index.
D Specifications sheet.

14 A duplex receptacle outlet symbol is a circle with how many lines drawn through it?

A One.
B Two.
C Two with one side shaded.
D Three.
A DISHWASHER operates on a voltage of:
A 60 volts.
B 100 volts.
C 120 volts.
D 240 volts.

The telephone (Figure D308.01.A) is located on the:
A North wall.
B West wall.
C East wall.
D South wall.

The light switches for the room shown in Figure D308.01.A are best placed:
A At the location identified by the “X”.
B Exactly where they are shown.
C In the hall, before you enter the room.
D On the West wall of the room.
## Electrical Plans - Symbols

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### Total questions on test: 17

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Minimum points required to achieve mastery category

? = Test Question Number  ○ = line on GP Form
### Items used in test

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