Reading and Interpreting Construction Drawings - Quiz

1. Which drawing would show the layout of hot and cold water systems?
   a. Electrical plan
   b. Foundation plan
   c. Site plan
   d. Plumbing plan

2. Architectural drawings include:
   a. Floor plans
   b. Elevation and sections
   c. Door and window schedules
   d. All of the above

3. The basic unit of linear measure in Metric system is:
   a. Meter
   b. Foot
   c. Inches
   d. None of the above

4. Property line is:
   a. Light short dashes
   b. Heavy continuous line
   c. Extra heavy continuous line
   d. Extra heavy line with long dashes and alternating with two short dashes

5. What is the line that indicates that an object continues, but is not shown on the drawing?
   a. Break line
   b. Dimension line
   c. Section cutting line
   d. None of the above

6. Which type of drawing is used when there isn’t enough room on another drawing to illustrate something?
   a. Sectional view
   b. Elevation
   c. Plan view
   d. Detail

7. The maximum number of orthographic views of an object is:
   a. Two
   b. Three
   c. Four
   d. None of the above
8. Orthographic drawings are preferred because:
   a. Easier to create
   b. More details can be shown
   c. Most standards require them
   d. All of the above

9. The location of switches would be found on:
   a. Foundation plan
   b. Framing plan
   c. Electrical plan
   d. Plumbing plan

10. The type of floor joists would be found on:
    a. Foundation plan
    b. Framing plan
    c. Electrical plan
    d. Plumbing plan

11. The location of hose bibs would be found on:
    a. Foundation plan
    b. Framing plan
    c. Electrical plan
    d. Plumbing plan

12. The scale most commonly used for floor plan is:
    a. \(1'' = 1' - 0''\)
    b. \(\frac{1}{2}'' = 1' - 0''\)
    c. \(\frac{1}{4}'' = 1' = 0''\)
    d. \(\frac{1}{8}'' = 1' = 0''\)

13. Which metric scale is normally used for floor plan?
    a. 1 : 10
    b. 1 : 20
    c. 1 : 50
    d. 1 : 100

14. Which of the following dimensions would not appear in an elevation drawing?
    a. Elevation of the 2nd floor joists
    b. Depth of bottom footing
    c. Thickness of a wall
    d. Height of windows
15. Which of the following would not be shown on a plot plan?
   a. Location of a garage
   b. Trees
   c. Utility lines
   d. Location of a chimney on a building

16. Which of the following is not used to define a curved property line?
   a. Radius
   b. Curve length
   c. Elevation change
   d. Angle of tangency

17. On a foundation plan, footings are shown as:
   a. Continuous lines
   b. Hidden lines
   c. Dotted lines
   d. None of the above

18. Which member rests directly on top of the foundation wall?
   a. Header
   b. Joist
   c. Ledger
   d. Sill plate

19. Which member is located above a window?
   a. Rough sill
   b. Trimmer stud
   c. Header
   d. Ledger

20. Installation of underground plumbing before the slab is poured is considered as part of:
   a. Initial plumbing stage
   b. Main plumbing stage
   c. Rough-in plumbing stage
   d. Finished plumbing stage