|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1. In orthographic projection, the exact form of the object is shown by various views of the object arranged in a particular order.

|  |  |  |
| --- | --- | --- |
|   | a.  | True |
|   | b.  | False |

|  |  |
| --- | --- |
| *ANSWER:* | True |

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|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 2. The purpose of a chain line is to indicate the imaginary cut surface referred to by the cutting plane line.

|  |  |  |
| --- | --- | --- |
|   | a.  | True |
|   | b.  | False |

|  |  |
| --- | --- |
| *ANSWER:* | False |

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|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 3. There is no limitation on the number of views that may be used to describe an object.

|  |  |  |
| --- | --- | --- |
|   | a.  | True |
|   | b.  | False |

|  |  |
| --- | --- |
| *ANSWER:* | True |

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|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4. The front view always shows the front of the object.

|  |  |  |
| --- | --- | --- |
|   | a.  | True |
|   | b.  | False |

|  |  |
| --- | --- |
| *ANSWER:* | False |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5. All views have a particular position with respect to each other, and have either a horizontal or vertical alignment.

|  |  |  |
| --- | --- | --- |
|   | a.  | True |
|   | b.  | False |

|  |  |
| --- | --- |
| *ANSWER:* | True |

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|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6. \_\_\_\_ are made to describe the object in sufficient detail to permit fabrication.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|   | a.  | Details | b.  | Plans |
|   | c.  | Drawings | d.  | Graphs |

|  |  |
| --- | --- |
| *ANSWER:* | c |

 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7. \_\_\_\_ projection is the method employed to describe the object in sufficient detail to permit fabrication.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|   | a.  | Sectional | b.  | Series |
|   | c.  | Drawing | d.  | Orthographic |

|  |  |
| --- | --- |
| *ANSWER:* | d |

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|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8. A broken line of medium thickness is known as a(n) \_\_\_\_ line.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|   | a.  | hidden | b.  | object |
|   | c.  | center | d.  | leader |

|  |  |
| --- | --- |
| *ANSWER:* | a |

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|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9. A fine, broken line made up of a series of short and long dashes alternately spaced is known as a(n) \_\_\_\_ line.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|   | a.  | hidden | b.  | leader |
|   | c.  | center | d.  | object |

|  |  |
| --- | --- |
| *ANSWER:* | c |

 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10. \_\_\_\_ lines are fine lines that extend from the object with a slight break between.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|   | a.  | Extension | b.  | Object |
|   | c.  | Hidden | d.  | Dimension |

|  |  |
| --- | --- |
| *ANSWER:* | a |

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|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11. A fine, straight line with an arrowhead or round solid dot at one end is known as a(n) \_\_\_\_ line.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|   | a.  | extension | b.  | leader |
|   | c.  | hidden | d.  | object |

|  |  |
| --- | --- |
| *ANSWER:* | b |

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|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12. A heavy, broken line made up of a series of long and short dashes alternately spaced is known as a \_\_\_\_ line.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|   | a.  | break | b.  | section |
|   | c.  | chain | d.  | short |

|  |  |
| --- | --- |
| *ANSWER:* | c |

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|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13. The \_\_\_\_ break line is a heavy, irregular line drawn freehand.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|   | a.  | phantom | b.  | cutting |
|   | c.  | long | d.  | short |

|  |  |
| --- | --- |
| *ANSWER:* | d |

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|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14. The \_\_\_\_ break line is a ruled, light line with freehand zigzags.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|   | a.  | short | b.  | long |
|   | c.  | cutting | d.  | phantom |

|  |  |
| --- | --- |
| *ANSWER:* | b |

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|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15. When three views are used to describe an object, the \_\_\_\_ view is placed directly above and in line with the front view.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|   | a.  | top | b.  | right |
|   | c.  | bottom | d.  | left |

|  |  |
| --- | --- |
| *ANSWER:* | a |

 |

|  |  |  |
| --- | --- | --- |
| 16. A(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ line is a thick solid line.

|  |  |
| --- | --- |
| *ANSWER:* | object |

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|  |  |  |
| --- | --- | --- |
| 17. A series of lines – solid or solid and broken – arranged in specific patterns are known as \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ lines.

|  |  |
| --- | --- |
| *ANSWER:* | section |

 |

|  |  |  |
| --- | --- | --- |
| 18. A(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ line is a light, broken line made up of a series of one long and two short dashes.

|  |  |
| --- | --- |
| *ANSWER:* | phantom |

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|  |  |  |
| --- | --- | --- |
| 19. When three views are used to describe an object, the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ side view is placed to the right of and in line with the front view.

|  |  |
| --- | --- |
| *ANSWER:* | right |

 |

|  |  |  |
| --- | --- | --- |
| 20. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ view usually gives the best indication of the shape and detail of an object.

|  |  |
| --- | --- |
| *ANSWER:* | front |

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