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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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 | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
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| 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 | |

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| 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 | |

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| 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 | |

|  |  |  |
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| 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 | |