

JONES COUNTY CAREER-TECHNICAL CENTER

REX BUCKHAULTS, DIRECTOR
AMANDA JONES, ADM. ASSISTANT
DEBRA BUSH, COUNSELOR

2409 MOOSE DRIVE
LAUREL, MS 39440
PHONE: 601.425.2378 FAX: 601.425.2349

March 31, 2020

Dear Parents and Career Tech Students:

From the Faculty, Staff and Administration of the Jones County Career Technical Center, it is our intent to provide enrichment activities for our students and support for our parents during these difficult times.

The following enrichment activities will allow students to review the instruction that they already have received this year.

You will find questions with answers for you to study and review. There are no assignments to be returned to school.

If the JCCTC can be of any assistance to our students and parents with the enrichment activities, please feel free to call us at 601-425-2378 between the hours of 9:00 a.m. and 1:00 p.m. or contact the instructor by email. Email addresses are located under the program name on our webpage.

Sincerely,



Rex Buckhaults
Director, JCCTC

Drafting Second Year Enrichment Activity

Multiple Choice

Identify the choice that best completes the statement or answers the question.

- _____ 1. The Federal Housing Administration recommends _____ square feet as the minimum size for a bedroom.
 - a. 100
 - b. 150
 - c. 200
 - d. 250
- _____ 2. The minimum recommended depth of a clothes closet is _____.
 - a. 12"
 - b. 18"
 - c. 24"
 - d. 30"
- _____ 3. A 5' x 8' bath would be considered a(n) _____ bath.
 - a. small
 - b. average
 - c. large
 - d. very large
- _____ 4. Generally, _____ homes have the most sales potential.
 - a. one-bedroom
 - b. two-bedroom
 - c. three-bedroom
 - d. four-bedroom
- _____ 5. The most desirable location for a closet is _____.
 - a. on an outside wall
 - b. in the hall near the bedroom
 - c. near the bedroom entrance
 - d. None of the above.
- _____ 6. Closet doors may be _____.
 - a. sliding
 - b. bi-fold
 - c. flush
 - d. All of the above.
- _____ 7. An ideal bedroom will have windows _____.
 - a. on two walls
 - b. on one wall
 - c. low on the wall
 - d. evenly spaced on the walls
- _____ 8. A major consideration in the design of an entryway is _____.
 - a. the appearance of neighboring homes
 - b. protection from the weather
 - c. visibility of the play area
 - d. wind direction
- _____ 9. Which of the following are examples of special-purpose rooms?
 - a. Atrium, greenhouse, sunroom.
 - b. Darkroom, family recreation room, greenhouse.

- c. Shop, darkroom, living room.
- d. Kitchen, atrium, sunroom.

- ____ 10. A small dining room requires approximately ____ square feet to seat four people.
- a. 100
 - b. 120
 - c. 150
 - d. 175
- ____ 11. A medium-size dining room should seat ____ people.
- a. 6 to 8
 - b. 8 to 10
 - c. 10 to 12
 - d. 12 to 14
- ____ 12. A(n) ____ makes the rooms appear larger.
- a. two-story plan
 - b. ranch-style plan
 - c. closed plan
 - d. open plan
- ____ 13. A ____ entry should be impressive because it is the first part of the house that guests see.
- a. special-purpose
 - b. main
 - c. service
 - d. side
- ____ 14. Glass side panels in the entry may provide ____.
- a. visibility
 - b. natural light
 - c. design
 - d. All of the above.
- ____ 15. The most popular kitchen design is the ____ kitchen.
- a. L-shaped
 - b. corridor
 - c. straight line
 - d. U-shaped
- ____ 16. At least ____ feet of clearance should be provided on all sides of the island in an island kitchen.
- a. 2
 - b. 3
 - c. 4
 - d. 5
- ____ 17. The space designed for a two-car garage should range in size from ____.
- a. 11' × 19' to 16' × 25'
 - b. 20' × 20' to 25' × 25'
 - c. 12' × 18' to 14' × 24'
 - d. 15' × 20' to 22' × 22'
- ____ 18. Storage for outdoor recreation equipment and gardening tools is generally provided in the ____.
- a. garage
 - b. attic
 - c. family recreation room
 - d. kitchen
- ____ 19. A two-car garage door is generally ____.
- a. 16 feet wide and 7 feet high

- b. 12 feet wide and 7 feet high
 - c. 8 feet wide and 7 feet high
 - d. 14 feet wide and 8 feet high
- ____ 20. Doors that are smooth on both sides and usually made of wood are called ____ doors.
- a. French
 - b. panel
 - c. flush
 - d. accordion
- ____ 21. A ____ door is composed of two parts.
- a. bi-fold
 - b. Dutch
 - c. Both A and B.
 - d. None of the above.
- ____ 22. A ____ door is used when a wide opening exists in an exterior wall.
- a. sliding
 - b. pocket
 - c. Dutch
 - d. double-action
- ____ 23. ____ doors are hinged in such a way that they may swing through an arc of 180 degrees.
- a. Accordion
 - b. French
 - c. Double-action
 - d. Bypass
- ____ 24. A ____ door has an upper and lower half.
- a. French
 - b. Dutch
 - c. double-action
 - d. bi-fold
- ____ 25. ____ doors are panel doors with glass panels.
- a. French
 - b. Dutch
 - c. Flemish
 - d. Accordion
- ____ 26. Exterior doors are generally ____ wide.
- a. 2'-6"
 - b. 2'-10"
 - c. 3'-0"
 - d. 3'-6"
- ____ 27. Which of the following is *not* a standard garage door size?
- a. 6'-6" h × 8'-0" w
 - b. 8'-0" h × 8'-0" w
 - c. 7'-0" h × 10'-0" w
 - d. 8'-0" h × 9'-0" w
- ____ 28. Sliding or bypass doors are ____.
- a. frequently used for large openings
 - b. not subject to warping
 - c. limited to two doors for each opening
 - d. All of the above.
- ____ 29. Accordion doors ____.

- a. require little space
 - b. are produced in a large variety of designs
 - c. may use individual hinged panels
 - d. All of the above.
- ___ 30. To provide ample ventilation in a home, ____.
- a. the openings should be at least 10 percent of the floor area
 - b. windows should be placed to receive prevailing breezes
 - c. plan the location of windows for the best movement of air across a room
 - d. All of the above.
- ___ 31. Casement windows have side-hinged sashes that swing out and may be opened or closed by ____.
- a. handles on the sash
 - b. push-bars on the frame
 - c. cranks
 - d. All of the above.
- ___ 32. Which of the following lines should be used to show the hinge positions on a hinged window?
- a. Dashed line.
 - b. Object line.
 - c. Short break line.
 - d. Section line.
- ___ 33. Which of the following statements best describes hopper windows?
- a. Hopper windows rarely interfere with room arrangement.
 - b. Hopper windows are more efficient when placed low on the wall because they direct air upward.
 - c. Hopper windows are available in a wide range of sizes.
 - d. Hopper windows are difficult to operate and maintain.
- ___ 34. Picture windows may ____.
- a. open to provide ventilation
 - b. require custom-made screens
 - c. be large, fixed-glass units used with other window types
 - d. None of the above.
- ___ 35. The side units in a bay window are normally placed at ____ degrees to the exterior wall.
- a. 90
 - b. 60
 - c. 45
 - d. None of the above.
- ___ 36. The floor plan is actually a(n) ____ drawing.
- a. elevation
 - b. pictorial
 - c. typical top view
 - d. section
- ___ 37. An exterior frame wall composed of 5/8" siding, 3/4" insulation board, 2" x 4" studs, and 1/2" drywall is exactly ____ inches thick.
- a. 3-7/8
 - b. 6
 - c. 5-3/8
 - d. 5-7/8
- ___ 38. A good policy to follow when locating dimensions on a floor plan is to ____.
- a. group them all together in one corner
 - b. leave out everything that may be obvious

- c. locate dimensions where one would logically look for them
- d. follow your hunches

- ____ 39. Dimensions should be at least ____ inch(es) from the floor plan.
- a. 1/2
 - b. 3/4
 - c. 1
 - d. 2
- ____ 40. Which of the following dimension formats is correct for floor plans?
- a. 0'-1/2"
 - b. 6.125"
 - c. 1'-6"
 - d. 10.6'
- ____ 41. The floor plan is normally started ____.
- a. first
 - b. last
 - c. after the elevations
 - d. after the electrical plan
- ____ 42. The ____ door width should be used for doors.
- a. actual
 - b. rough
 - c. finished
 - d. None of the above.
- ____ 43. Overall width and length of primary walls should be multiples of ____ feet to comply with building material sizes.
- a. 4
 - b. 6
 - c. 8
 - d. 10
- ____ 44. After the exterior walls have been completed, draw the ____ next.
- a. windows and doors
 - b. interior walls
 - c. stairs
 - d. title block and scale
- ____ 45. Kitchen base cabinets are drawn ____ inches deep while wall cabinets are ____ inches deep.
- a. 24; 12
 - b. 12; 24
 - c. 16; 10
 - d. 36; 24
- ____ 46. The type of line used on a drawing to indicate ceiling beams is a(n) ____.
- a. section line
 - b. object line
 - c. centerline
 - d. hidden line
- ____ 47. The ____ roof is very popular because it is easy to build, sheds water well, provides for ventilation, and is applicable to a variety of house shapes and designs.
- a. folded plate
 - b. gable
 - c. A-frame
 - d. flat

- ____ 48. A gambrel roof is sometimes called a ____ roof.
- French
 - winged gable
 - folded plate
 - barn
- ____ 49. In typical gable roof construction, the ____ support the roof covering.
- top plates
 - rafters
 - ceiling joists
 - soffits
- ____ 50. The fractional pitch of a roof is calculated by dividing the ____.
- rise by the span
 - span by the rise
 - run by the span
 - None of the above.
- ____ 51. Wood trusses commonly used in residential construction include ____ trusses.
- W-type and king-post
 - king-post and scissors
 - W-type and scissors
 - All of the above.
- ____ 52. Which of the following is a feature of common rafters?
- They run parallel to the top wall plate.
 - They run parallel to the ridge of the roof.
 - They extend from the plate or beyond to the ridge of the roof.
 - All of the above.
- ____ 53. Which of the following is a lightweight roofing material?
- Slate.
 - Asphalt shingle.
 - Clay tile.
 - All of the above.
- ____ 54. In a(n) ____ cornice, the rafter does *not* protrude beyond the wall.
- close
 - open
 - narrow box
 - wide box
- ____ 55. Flashing should be used ____.
- where any feature pierces the roof
 - where a roof attaches to a second floor wall
 - next to the chimney
 - All of the above.
- ____ 56. Two requirements of roofing materials are to provide waterproofing for the roof and many years of service. The most popular type is ____.
- asphalt
 - wood
 - copper
 - clay
- ____ 57. When the roof pitch is 12:12 and the span is 24', how high is the roof ridge above the top plate?
- 4'
 - 8'

- c. 12'
- d. 24'

- ____ 58. Features on an elevation that are below the grade line are shown as ____.
- a. centerlines
 - b. hidden lines
 - c. object lines
 - d. phantom lines
- ____ 59. The usual height of the lower face of the head jamb of an exterior door is ____ from the top of the subfloor.
- a. 6'-10"
 - b. 6'-8"
 - c. 6'-6"
 - d. 6'-4"
- ____ 60. Roof angle is shown on the elevation using the ____.
- a. slope triangle
 - b. fractional pitch
 - c. slope triangle or fractional pitch
 - d. None of the above.
- ____ 61. Dimensions on the elevation drawing are mainly ____ dimensions.
- a. location
 - b. height
 - c. size
 - d. Dimensions are not used on the elevation.
- ____ 62. Material symbols are shown extensively on the ____ elevation(s).
- a. front
 - b. four
 - c. front and right side
 - d. front and rear
- ____ 63. The usual scale of an exterior elevation is ____.
- a. $1/8" = 1'-0"$
 - b. $1/4" = 1'-0"$
 - c. $3/8" = 1'-0"$
 - d. $1/2" = 1'-0"$
- ____ 64. ____ lines are used on the elevation to indicate visible wall corners.
- a. Hidden
 - b. Construction
 - c. Object
 - d. Guide
- ____ 65. The electrical plan is normally traced from the ____.
- a. elevations
 - b. floor plan
 - c. plot plan
 - d. None of the above.

Drafting Second Year Enrichment Activity

Answer Section

MULTIPLE CHOICE

1. ANS: A	PTS: 1
2. ANS: C	PTS: 1
3. ANS: A	PTS: 1
4. ANS: C	PTS: 1
5. ANS: C	PTS: 1
6. ANS: D	PTS: 1
7. ANS: A	PTS: 1
8. ANS: B	PTS: 1
9. ANS: A	PTS: 1
10. ANS: B	PTS: 1
11. ANS: A	PTS: 1
12. ANS: D	PTS: 1
13. ANS: B	PTS: 1
14. ANS: D	PTS: 1
15. ANS: D	PTS: 1
16. ANS: C	PTS: 1
17. ANS: B	PTS: 1
18. ANS: A	PTS: 1
19. ANS: A	PTS: 1
20. ANS: C	PTS: 1
21. ANS: C	PTS: 1
22. ANS: A	PTS: 1
23. ANS: C	PTS: 1
24. ANS: B	PTS: 1
25. ANS: A	PTS: 1
26. ANS: C	PTS: 1
27. ANS: D	PTS: 1
28. ANS: A	PTS: 1
29. ANS: D	PTS: 1
30. ANS: D	PTS: 1
31. ANS: D	PTS: 1
32. ANS: A	PTS: 1
33. ANS: B	PTS: 1
34. ANS: C	PTS: 1
35. ANS: C	PTS: 1
36. ANS: D	PTS: 1
37. ANS: C	PTS: 1
38. ANS: C	PTS: 1
39. ANS: B	PTS: 1
40. ANS: C	PTS: 1
41. ANS: A	PTS: 1

42.	ANS: A	PTS: 1
43.	ANS: A	PTS: 1
44.	ANS: B	PTS: 1
45.	ANS: A	PTS: 1
46.	ANS: D	PTS: 1
47.	ANS: B	PTS: 1
48.	ANS: D	PTS: 1
49.	ANS: B	PTS: 1
50.	ANS: A	PTS: 1
51.	ANS: D	PTS: 1
52.	ANS: C	PTS: 1
53.	ANS: B	PTS: 1
54.	ANS: A	PTS: 1
55.	ANS: D	PTS: 1
56.	ANS: A	PTS: 1
57.	ANS: C	PTS: 1
58.	ANS: B	PTS: 1
59.	ANS: A	PTS: 1
60.	ANS: C	PTS: 1
61.	ANS: B	PTS: 1
62.	ANS: A	PTS: 1
63.	ANS: B	PTS: 1
64.	ANS: C	PTS: 1
65.	ANS: B	PTS: 1