

D.O.F. Prep Class Quiz - 12/15/14 – M. Sheehan, Presenter

1. Which of the following should you not ask a perspective candidate during the interview process:
 - a. What year did you graduate from high school
 - b. How long did you work at you previous job
 - c. Why would you like to work for the district
 - d. Where do see yourself in 5 years

2. A triennial inspection and a periodic review is required by what regulation:
 - a. S.A.V.E.
 - b. R.E.S.C.U.E.
 - c. A.H.E.R.A.
 - d. M.E.R.V.E.

3. Which one of the following projects does not require a building permit from S.E.D.:
 - a. A school building 20 room addition
 - b. A boiler replacement
 - c. Playground projects which involve only the installation of pre-engineered factory-built equipment
 - d. A roof replacement

4. Which of the following statement is true as per Section 807 of the Education Law :
 - a. The district must complete 12 fire drills by December 1 of each school year
 - b. If a building is equipped with fire escapes, four of the required 12 drills must be through the use of these fire escapes
 - c. Summer schools must also hold at least 4 additional fire drills, one of which must be held during the first week of the summer session.
 - d. It may not be beneficial to vary the nature of the drills

5. Section 1191.3b1 of the New York State Fire Prevention and Building Code allows a **limited amount of** student artwork and educational teaching materials to be placed in areas of public assembly, and associated exit ways, including school corridors. Which of the following is incorrect:
 - a. All displayed material must be kept at least 2 feet from ceilings and 10 feet from exit doors, including classroom doors
 - b. Displayed material must be directly affixed to noncombustible wall surfaces.
 - c. The total amount of displayed material may not exceed 50% of the noncombustible wall surface
 - d. For added safety, artwork must be treated with a fire retardant.

6. State law requires requesting bids when an item or a commodity group exceeds the dollar limits established by General Municipal Law, Section 103. Current dollar limitations established in law require that all school districts' purchases involving the procurement of a stated "item" or commodity group or for public works which will necessitate the expenditure of:
 - a. commodity group which will necessitate the expenditure of (\$10,000 effective June 22, 2010), or for public works (\$15,000 effective November 12, 2009)
 - b. commodity group which will necessitate the expenditure of (\$20,000 effective June 22, 2010), or for public works (\$35,000 effective November 12, 2009)
 - c. commodity group which will necessitate the expenditure of (\$30,000 effective June 22, 2010), or for public works (\$55,000 effective November 12, 2009)
 - d. commodity group which will necessitate the expenditure of (\$50,000 effective June 22, 2010), or for public works (\$75,000 effective November 12, 2009)

7. Which agency enforces safety and health standards promulgated under OSHA, as well as several additional State standards, for public employers? This agency covers all public sector employers in NYS including, the State, counties, towns, villages, public authorizes, public school districts, and paid and volunteer fire departments.
 - a. NFPA
 - b. PESH
 - c. NAPPA
 - d. CSEA

8. Which of the following is an example of proper I.P.M. practices:
 - a. Applying a pesticide with a one hour notice given to occupants
 - b. Using observation traps
 - c. The use of the quickest kill pesticide available
 - d. Applying insecticides for grubs on school fields

9. What do deciduous trees do?
 - a. Keep their leaves all year round
 - b. Lose their leaves in the spring
 - c. They don't have any leaves
 - d. Lose their leaves in winter

10. Don and Doff are terms you would most likely use when:
 - a. Greeting teachers in the morning
 - b. PPE training is being conducted
 - c. Cutting the grass at the school
 - d. Conducting proper lifting techniques training

11. A HEPA filter is designed to remove _____% of airborne particles measuring 0.3 micrometers or greater in diameter passing through it:
 - a. 97.97%
 - b. 98.97%
 - c. 99.97%
 - d. 100.00%

12. When using the term Photovoltaic it would most likely appear in a:
 - a. Floor tile replacement spec
 - b. Parking lot resurfacing spec
 - c. Solar panel installation spec
 - d. Asbestos abatement spec

13. The definition of a The Functional Exercise is:
 - a. A fully simulated interactive exercise that tests the capability of an organization to respond to a simulated event. This exercise focuses on the coordination of multiple functions or organizations and takes place in an Emergency Operations Center.
 - b. A facilitated group analysis of an emergency situation in an informal, stress-free environment.
 - c. A simulated emergency event, as close to reality as possible. It involves all emergency response functions and requires full deployment of equipment and personnel.
 - d. None of the above.

14. Fertilizer 10-6-4 numbers stand for what:
- Nitrogen, Phosphorus, and Potassium
 - Nitrogen, Calcium, Phosphorus
 - Calcium, Phosphorus, Hydrogen
 - Nitrogen, H₂O, Molecular
15. The MERV (Minimum Efficiency Reporting Value) rating would most likely be important when purchasing:
- Floor tile
 - Furniture
 - Copper piping
 - Filters
16. A _____ is an opening in the side walls of an open-air structure, for purposes of draining water.
- Parapet
 - Scupper
 - Leader
 - EPDM
17. Class ____ fire extinguishers are for ordinary combustibles such as paper, wood, cardboard, and most plastics. The numerical rating on these types of extinguishers indicates the amount of water it holds and the amount of fire it can extinguish. Geometric symbol (green triangle);
- A
 - B
 - C
 - K
18. _____ strength measures the force required to pull something such as rope, wire, or a structural beam to the point where it breaks. This strength of a material is the maximum amount of stress that it can take before failure, for example breaking.
- Breaking Point
 - Factor
 - Tensile
 - Extreme
19. This is a test to determine the plasticity of concrete. A sample of wet concrete is placed in a cone-shaped container 12" high. The cone is removed by slowly pulling it upward:
- Slant Test
 - Slump Test
 - Soldier Test
 - Sand Test
20. After the initial water has been introduced to the mix, mortar should be used within _____.
- 30 minutes
 - 1 hour
 - 1 ½ hours
 - 2 ½ hours

21. Joist hangers are used for which of the following?
- Supporting joists against beams
 - Keeping joists straight during delivery
 - Inspection
 - There is no such thing as a joist hanger.
22. Which of the following statements are true:
- Cleaning removes germs, dirt, and impurities from surfaces or objects.
 - Disinfecting kills germs on surfaces or objects.
 - All disinfectants sanitize, but not all sanitizers are capable of disinfecting.
 - All of the above
23. A low pressure steam boiler has a maximum allowable working pressure (MAWP) of up to ____.
- 5 psi
 - 10 psi
 - 15 psi
 - 25 psi
24. A sudden drop in boiler steam pressure without a corresponding drop in boiler water temperature could result in ____.
- Boiler corrosion
 - Water contamination
 - An Explosion
 - Increase in pneumatic pressure
25. The minimum clear opening area for escape windows shall be at least ____ square feet and the minimum dimension shall be 24 inches unless otherwise approved.
- 4
 - 6
 - 8
 - 10
26. All occupied areas within school buildings shall be provided with mechanical ventilation of at least ____ cfm per occupant of outside air during periods of occupancy.
- 15 cfm
 - 20 cfm
 - 25 cfm
 - 30 cfm
27. _____ are issued before bids are submitted. They may be required because of lack of understanding of the specifications on the part of prospective bidders or because of changes suggested by the board of education, the A/E, or the Office of Facilities Planning.
- Change Orders
 - Performance Bonds
 - Queries
 - Addenda

28. If there are identical low bids, must all bids be rejected and re-advertised?
- Yes, all ties must be rebid by the district.
 - No you can renegotiate the bid price lower between the two parties
 - Not necessarily. If the Purchasing Agent is satisfied that both bidders are responsible and meet the specifications, lots will be drawn to determine the awarded vendor.
 - The bid award may be divided among the identical bidders.
29. Every space of pupil occupancy over ____square feet in area shall have two separate means of egress from such space.
- 250 sq ft
 - 400 sq ft
 - 500 sq ft
 - 700 sq ft
30. Which one of the following plans is considered confidential:
- Five year plan
 - BCS
 - District safety plan
 - School safety plan
31. All of the following are common problems faced by new supervisors, except:
- Difficulty in making decisions because of the fear of making a mistake
 - Spending too much time procrastinating or collecting data before making a decision
 - Success in delegating work
 - Succumbing to waves of inertia because of fear
32. Which of the following statements are least accurate:
- Most workers want to satisfy physical, social, and personal needs
 - A supervisor can have significant impact an employee's personal life
 - Supervisors who emphasize getting to know the needs of their employees are not using their time wisely
 - Most workers want responsibilities they can handle, results they can demonstrate, and recognition for what they accomplish
33. Refrigeration piping, valves, fittings and related parts used in construction & installation of refrigeration systems shall conform to the:
- American Society of Mechanical Engineers Boiler & Pressure Vessel Code
 - American Standards Association Code for Pressure Piping
 - Pipe Fabrication Institute Standards
 - Underwriters Laboratory Standards
34. Of the following devices, the one that is used to determine the rating in cubic feet per minute of a unit ventilator is a(n):
- Psychrometer
 - Pyrometer
 - Anemometer
 - Manometer

35. A riser diagram is an electrical drawing which would give information about the
- Voltage drop in feeder
 - Size of feeders and panel loads
 - External connections to equipment
 - Sequence of operation of devices & equipment
36. Specifications may state that a standpipe system will be provided in each building. The main purpose of a standpipe system is to:
- Supply the roof water tank
 - Provide water for firefighting
 - Circulate water for the heating system
 - Provide adequate pressure for water supply
37. A new employee who has shown himself capable of doing superior work during the first month of his probationary period falls below this standard the second month. For the supervisor to wait until the end of the probationary period & then recommend that the employee be dropped if his work is still unsatisfactory is:
- Undesirable – he should have been discharged when his work became unsatisfactory
 - Desirable – there is no place in the department for unsatisfactory employees
 - Undesirable – the supervisor should immediately attempt to determine the cause of the unsatisfactory performance
 - Desirable – the employee is entitled to a chance to prove himself
38. Which of the below is an example of a built-up roof:
- Single ply
 - Foam
 - Slate
 - Asphalt (felt and bitumen) with gravel overlay
39. Using the “run till it breaks” method of maintenance is an example of:
- Preventative maintenance
 - Reactive maintenance
 - Predictive maintenance
 - Reliability centered maintenance
40. You receive the results of an air test conducted at an elementary school, that indicate a high level of asbestos fibers found in the air, which of the following are you required to do as per SED regulations:
- Share results with the custodial staff
 - Share results with the health and safety team members
 - Share results with your local PTA
 - You do not have to share the results with anyone
41. The fire alarm is activated and the school building is evacuated, by who’s authority are the students and staff allowed back in the building:
- The police supervisor on scene
 - The school superintendent on scene
 - The school principal on scene
 - The local fire chief on scene

42. Which of the following is required if a non-conformance item is found during a school building fire inspection and is so noted on the inspection form:
- a. The inspector must attend the school BoE meeting to discuss in public the item found
 - b. It must be repaired immediately before the inspector leaves the building
 - c. The school must be closed until the item is corrected
 - d. The non-conformance item must be labeled indicating the problem

EXTRA CREDIT

43. Which is the only number when spelled out is in alphabetical order (i.e. two, the t comes?) _____

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ANSWER SHEET

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