

STOCKROOM MATERIALS STORAGE AND DISTRIBUTION (DVD-57C) v.2

This test consists of twenty multiple-choice questions. All questions are from the video: *Stockroom Materials – Storage and Distribution (DVD-57C)*.

Each question has only one *most* correct answer. Use the *Answer Sheet* and circle the letter corresponding to your selection for each test item. If you wish to change an answer, erase your choice completely.

You should read through the questions and answer those you are sure of first. After your first pass through the test, then go back and answer the questions that you were not sure of. If two answers appear to be correct, pick the answer that seems to be the most correct response.

When you are finished, check to make sure you have answered all of the questions. Turn in the test materials to the instructor.

The passing grade for this test is 70% (14 correct answers or better).

Good luck!

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ANSWER SHEET

Name: _____ Date: _____

1	A	B	C	D
2	A	B	C	D
3	A	B	C	D
4	A	B	C	D
5	A	B	C	D
6	A	B	C	D
7	A	B	C	D
8	A	B	C	D
9	A	B	C	D
10	A	B	C	D
11	A	B	C	D
12	A	B	C	D
13	A	B	C	D
14	A	B	C	D
15	A	B	C	D
16	A	B	C	D
17	A	B	C	D
18	A	B	C	D
19	A	B	C	D
20	A	B	C	D

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1. When performing “dock to stock” operations

- a. materials are left in packaging and verified using a bar code reader
- b. materials are given a 100% incoming inspection
- c. materials are placed in the proper storage bins without verification
- d. only sample parts are inspected

2. Verification of newly received materials is done

- a. just before parts are loaded onto the machines
- b. just before being shipped by the supplier
- c. during incoming inspection
- d. during scheduled audits

3. Circuit boards are generally checked for

- a. part number and revision level
- b. dimensions and hole sizes
- c. solder mask quality
- d. all of the above

4. Surface mount components are mounted

- a. on lands on the surface of the board
- b. through holes in the board
- c. on heat sinks to keep them cool
- d. all of the above

5. Checking for “form factor” means verifying that

- a. the leads of the components are properly formed
- b. components are packaged in the desired packaging material
- c. packaging follows the form of the component
- d. the correct formula is found for incoming inspection

6. Oxidation

- a. occurs when there is an interaction between oxygen and other materials
- b. has no effect on the operation of components and circuit boards
- c. is an attractive alternative to solder mask
- d. occurs only during heavy rainstorms

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7. Oxidized metals

- a. emit toxic vapors
- b. can be difficult to solder
- c. increase circuit board reliability
- d. all of the above

8. Opening sealed packaging is a serious issue for

- a. heat sinks
- b. through-hole resistors
- c. connecting hardware
- d. moisture sensitive devices

9. ESD occurs when

- a. shoes with steel toes are worn
- b. humidity goes below 30%
- c. listening to rap music while soldering
- d. static electricity from your body is discharged into an electronic component

10. FIFO means

- a. parts are repackaged
- b. sample boards are inspected
- c. older parts are used before newer parts
- d. verifying the pick list with a partner

11. The purpose of a restricted stockroom is to

- a. avoid contagious diseases
- b. control inventory and prevent theft
- c. segregate stockroom and production workers
- d. restrict movement of stockroom personnel

12. Stockroom audits are performed

- a. periodically to check for shelf life, along with inventory and handling issues
- b. after you run out of stock
- c. every morning
- d. all of the above

13. The pick list contains the

- a. locations of pick and place machines
- b. names of operators who feel picked on by their supervisors
- c. the part number and quantity of all materials required for the job
- d. listing of available vacuum picks

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14. Kitting is the process of

- a. collecting production materials
- b. putting the correct tools in a tool kit
- c. loading tape reels onto fixtures
- d. collecting dross

15. During kitting, components should be

- a. left in protective packaging
- b. handled carefully
- c. placed in ESD protective packaging if they are loose in the bins
- d. all of the above

16. The rule of thumb for loading components into an ESD tote is to load

- a. lighter material in the bottom of the tote
- b. heavier material in the bottom of the tote
- c. older material in the bottom of the tote
- d. newer material in the bottom of the tote

17. Kit carts have

- a. designated locations for specific components
- b. tool kits on all four sides
- c. seven wheels for greater stability
- d. all of the above

18. Following production, excess materials are collected and

- a. returned to the supplier
- b. returned to the stockroom
- c. stored in an empty aisle near the machine
- d. presented to the best operators for a job well done

19. The purpose of a scrap control system is to

- a. get rid of as much scrap as possible
- b. reclaim heavy metals
- c. keep the percentage of scrap to a desired level
- d. recycle the scrap

20. Handling finished assemblies carefully means

- a. handling assemblies by the edges only
- b. wearing ESD protection when handling assemblies
- c. sealing assemblies in ESD protective packaging
- d. all of the above