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Continuing Education Course #427
Airport Engineering
Part III - Signs & Markings

1. Generally speaking, airport sign systems should not be...
 - a. Logical
 - b. Simple
 - c. Effective
 - d. Deceptive
 - e. Informative
2. What type of signs indicate the direction to a remote airport location?
 - a. Boundary Signs
 - b. Direction Signs
 - c. Destination Signs
 - d. Information Signs
 - e. Stop Signs
3. Direction signs should be oriented in the direction of a turn to the nearest...?
 - a. 45°
 - b. 25°
 - c. 22.5°
 - d. 90°
 - e. 180°
4. True or false: mandatory instruction signs should be installed in line with holding position markings.
 - a. False
 - b. True
5. A black sign with white lettering adjacent to a runway indicating "2" means what?
 - a. The runway is 2,000 feet long.
 - b. There is 2,000 feet of runway remaining.
 - c. Runway number is 2.
 - d. There is 200 feet of runway remaining.
 - e. Taxiway 2 location signs.
6. Convention for sign placement on a taxiway is typically...?
 - a. On the left side
 - b. On the right side
 - c. On both sides
 - d. On neither side
 - e. On the other side

7. Which statement is true about a dot as seen on a destination sign?
- a. The dot means "either"
 - b. The dot means "or"
 - c. The destination is under construction
 - d. The dot means "contact ATC"
 - e. The dot means "and"
8. Signs may be painted on the surface of the pavement when...?
- a. The project budget does not allow the purchase of actual signs.
 - b. Signs detract from the aesthetic value of the airport
 - c. Signs cannot be installed or there is need for additional guidance
 - d. Pavement is in poor condition and needs paint
 - e. The airport has only visual category runways.
9. A sign specified as size #3 has a legend height of ...?
- a. 18 inches
 - b. 15 inches
 - c. 12 inches
 - d. 42 inches
 - e. 30 inches
10. Which federal standard discusses frangible connections?
- a. 14 CFR Part 67
 - b. AC 150/5222-13
 - c. 14 CFR Part 7460
 - d. AC 150/5220-23
 - e. AC 150/5250-23
11. Which of the following materials is acceptable to apply to airport marking paint to increase friction ?
- a. Silica sand
 - b. Silicon carbide
 - c. Aluminum oxide
 - d. Rubber pellets
 - e. 1/4"-0 gravel
12. True or false: new portland cement concrete does not require black borders on pavement markings?
- a. True
 - b. False
13. How tall is a runway designator numeral 8?
- a. 63 feet
 - b. 60 feet
 - c. 18 feet
 - d. 60 meters
 - e. 20 feet
14. Runway centerline stripes for non-precision runways are how many inches wide?
- a. 12
 - b. 36
 - c. 18

- d. 6
- e. 24

15. A runway that is 200 feet wide has how many threshold markings?

- a. 4
- b. 16
- c. 12
- d. 8
- e. 6

16. Taxiway centerline markings are... ?

- a. Optional
- b. 4 inches wide
- c. Always necessary
- d. White
- e. Required only for IFR operations

17. Which of the following is true about marking removal?

- a. Existing markings may be painted over
- b. Pavement may be harmed during removal providing it is patched afterwards
- c. Patterns of removal should be rectangular
- d. Multiple markings in an adjacent area need not be grouped together
- e. Markings must always be removed before a pavement overlay

18. The destination sign abbreviation MIL stands for...?

- a. Destination is one mile away
- b. Areas set aside for passenger handling
- c. Areas set aside for military barracks
- d. Areas set aside for millionaires' aircraft
- e. Areas set aside for military aircraft

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