

Airport Engineering Objective Questions and Answers Pdf

1. Calm period is the percentage of time during which wind intensity is less than

- a. 4.8 kmph
- b. 6.4 kmph
- c. 8.0 kmph
- d. 9.6 kmph

Ans: B

2. According to ICAO, all markings on the runways are

- a. yellow
- b. white
- c. black
- d. red

Ans: B

3. Runway threshold is indicated by a series of parallel lines starting from a distance of

- a. 3 m from runway end
- b. 6 m from runway end
- c. 10 m from runway end
- d. 15 m from runway end

Ans: B

4. In Instrumental landing system, the middle markers are

- a. along the extended centre line of runway end
- b. about 1 km, ahead of the runway threshold
- c. at the runway threshold
- d. about 7 km, ahead of the runway threshold

Ans; B

5. For supersonic transport aircraft, the minimum turning radius of taxiway is

- a. 60 m
- b. 120 m
- c. 180 m
- d. 240 m

Ans: C

6. Which of the following is an example of failure in flexible pavements?

- a. Alligator cracking
- b. Mud pumping
- c. Warping cracks
- d. Shrinkage cracks

Ans: A

7. Which of the following is used for servicing and repairs of the aircraft?

- a. Apron
- b. Hanger
- c. Terminal building
- d. holding apron

Ans: B

8. Maximum gross take-off weight of an aircraft is

- a. equal to the maximum structural landing weight
- b. less than the maximum structural landing weight
- c. more than the maximum structural landing weight
- d. equal to the empty operating weight plus the payload

Ans: C

9. Castor angle is defined as the angle

- a. formed by the longitudinal axis of the aircraft and the direction of movement of the nose gear
- b. between the direction of wind and the longitudinal axis of the runway
- c. between the true speed of the aircraft and the crosswind component
- d. between the horizontal and the fuselage axis

Ans: A

10.. Wright brothers flew the first power driven plane in

- A. 1853
 - B. 1873
 - C. 1903
 - D. 1933
- Ans: C