

Name: _____ Hall Ticket No.

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Answer All Questions. All Questions Carry Equal Marks. Time: 20 Min. Marks: 10.

I. Choose the correct alternative:

1. The international organization which is responsible for the regulation of Civil Aviation is []
(a) ICAO (b) FAA (c) ICO (d) AAI
2. The first flight in India was run in the year []
(a) 1912 (b) 1910 (c) 1911 (d) 1914
3. The segment which connects an apron and a runway is called []
(a) terminal building (b) Hangar (c) Taxiway (d) None
4. With the increase in the angle of attack, the lift on the aircraft []
(a) decreases (b) increases (c) remains same (d) None
5. Wind velocity is usually expressed in []
(a) knot (b) Beaufort (c) Mach (d) None
6. AS per ICAO the maximum longitudinal gradient along a taxiway should not exceed []
(a) 1.5% (b) 2% (c) 2.5% (d) 3%
7. As per ICAO, the total correction applied to basic runway length after applying temperature and elevation correction should not exceed []
(a) 25% (b) 30% (c) 35% (d) 40%
8. As per ICAO guidelines, the minimum width of runway is []
(a) 18m (b) 20m (c) 24m (d) 15m
9. The standard temperature at an airport is considered as []
(a) 10⁰C (b) 15⁰C (c) 20⁰C (d) 25⁰C
10. As per FAA classification of airports the Index 'A' is assigned to the airports with the approach speeds []
(a) < 91knots (b) < 89knots (c) < 87knots (d) < 85knots

Cont.....2

II Fill in the Blanks:

11. The expansion of ICAO is _____
12. The wing span dimension for Boeing 747-400 is _____
13. The Yaw movement of aircraft is possible with _____
14. The distance between the point of rotation and the tip of the farthest wing is called _____
15. The percentage of time in a year during which the runway system is not restricted because of excessive cross wind component is called _____
16. The trend extrapolation method of aviation forecasting is done through _____ analysis.
17. Delphi's Method of forecasting of aviation traffic depends on _____
18. The primary stage in any technical planning process of an airport is _____
19. The force of resistance which acts in a direction opposite to the thrust of the Aircraft is _____
20. The wind which directs along the fuselage and towards the nose gear is called _____

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Cont.....2

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11. The distance between the point of rotation and the tip of the farthest wing is called _____
12. The percentage of time in a year during which the runway system is not restricted because of excessive cross wind component is called _____
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