

First and last name .....

### Question 1/24

At higher altitudes as altitude increases, pressure.

- A. constant rate.
- B. decreases exponentially.
- C. increases exponentially.

### Question 2/24

The millibar is a unit of ?

- A. atmospheric temperature.
- B. pressure altitude.
- C. barometric pressure.

### Question 3/24

Temp at sea level.

- A. 288 K
- B. 273 K
- C. 173 k

### Question 4/24

----- does not depends on density

- A. Rocket
- B. Kite
- C. ATA

### Question 5/24

What is Density ?

- A. Mass / Volume
- B. Mass / Pressure
- C. Both

### Question 6/24

Density of air at sea level

- A. 1.23 kg/m<sup>3</sup>
- B. 1.23 psi
- C. 288 kg/m<sup>3</sup>

**Question 7/24**

What is ISA ?

- A. Civil Aviation Organisation
- B. International Standard Atmosphere.
- C. All

**Question 8/24**

Density varies Directly proportion with the ?

- A. pressure
- B. temperature
- C. All

**Question 9/24**

Density varies inversely with the ?

- A. pressure
- B. temperature
- C. All

**Question 10/24**

What is Temp at sea level?

- A. 15 degree C
- B. 15 degree F
- C. NOTA

**Question 11/24**

What is atmospheric pressure at sea level?

- A. 1013.2 mb
- B. 1013.2 hpa
- C. Both A & B

**Question 12/24**

-----the amount of water vapour in the air.

- A. density
- B. humidity
- C. pressure

**Question 13/24**

Force (F) Area (A) Pressure (P) then  $F = ?$

- A.  $F = AP$
- B.  $F = A/P$
- C. Both A & B

**Question 14/24**

Barometer indicates.

- A. Pressure
- B. Temperature
- C. Density

**Question 15/24**

\_\_\_\_\_ is the ratio of the amount of water vapour present in the atmosphere to the maximum amount of water vapour the air can hold.

- A. Relative Humidity.
- B. Absolute Humidity.
- C. Both A and B

**Question 16/24**

What is sea level pressure?

- A. 14.7 psi
- B. 760 mm hg
- C. Both A & B

**Question 17/24**

The temperature lapse rate below the tropopause is.

- A. 1°C per 1000 ft.
- B. 2°C per 1000 ft.
- C. 3°C per 1000 ft.

**Question 18/24**

percentage of Nitrogen in the Air ?

- A. 78 %
- B. 21 %
- C. 1 %

**Question 19/24**

Height of the Troposphere

- A. 12 to 50 km
- B. 0 to 12 km
- C. Both A and B

**Question 20/24**

The ozone layer present in which layer ?

- A. Troposphere
- B. Thermosphere
- C. Stratosphere

**Question 21/24**

If the DENSITY increases then HUMIDITY .....

- A. no change
- B. Increases
- C. Decreases

**Question 22/24**

..... is the boundary between Earth's atmosphere and outer space.

- A. Karman line
- B. tropopause
- C. ozone layer

**Question 23/24**

ICAO stand for ?

- A. Aviation Organization
- B. International Civil Aviation Organization
- C. International Organization for Standardization

**Question 24/24**

The layer between the stratosphere and mesosphere is called .....

- A. mesopause.
- B. stratopause.
- C. tropopause.