

Aviation English Test 15
(Aviation Meteorology)

Choose the best answer for each question.

1- Which of the following is NOT a type of cloud?

- (A) Cirrus
- (B) Cumulus
- (C) Stratus
- (D) Nimbus

2- What is the name of the atmospheric layer that aircraft fly in?

- (A) Troposphere
- (B) Exosphere
- (C) Mesosphere
- (D) Thermosphere

3- What is the name of the wind that blows from the east to the west?

- (A) Westerly winds
- (B) Trade winds
- (C) Polar winds
- (D) Jet stream

4- What is the name of the weather phenomenon that is characterized by heavy rain, lightning, and thunder?

- (A) Tornado
- (B) Hurricane
- (C) Thunderstorm
- (D) Winter storm

5- What is the name of the instrument that is used to measure wind speed and direction?

- (A) Anemometer
- (B) Barometer
- (C) Thermometer
- (D) Hygrometer

6- _____ information is information issued by a meteorological office concerning the occurrence or expected occurrence of specified en-route weather phenomena that may affect the safety of aircraft operations.

- (A) METAR
- (B) TAF
- (C) AIRMET
- (D) SIGMET

7- TAF is a concise statement of the expected meteorological conditions within a 5 SM radius from the center of an airport's runway complex

- ((A) METAR
- (B) TAF
- (C) AIRMET
- (D) SIGMET

8- Obscuration due to dust or smoke particles in the air, or as a result of surface heating causing turbulence and refraction of light in the layer of air above the surface.

- (A) Haze
- (B) Icing
- (C) Turbulence
- (D) Wind shear

9- Which of the following is a type of aviation weather hazard?

- (A) Fog
- (B) Thunderstorms
- (C) Icing
- (D) All of the above

10- What is the name of the weather condition that is characterized by a sudden change in wind direction and speed?

- (A) Wind shear
- (B) Turbulence
- (C) Microburst
- (D) Gust front

11- What is the name of the weather condition that is characterized by ice accumulating on aircraft surfaces?

- (A) Wind shear
- (B) Turbulence
- (C) Icing
- (D) Microburst

12- The leading edge of cold air which has descended from a Cumulonimbus (Cb) cloud and is moving horizontally near to the surface into warmer air.

- (A) Turbulence
- (B) Gust front
- (C) Microburst
- (D) Wind shear

13- A _____ is an open-ended right-angled tube pointing in opposition to the flow of a fluid and used to measure pressure.

- (A) Microburst tube
- (B) Gust tube
- (C) Pitot tube
- (D) All of the above

14- _____ clouds tend to be featureless, low-altitude clouds that cover the sky in a blanket of white or grey

- (A) cumulus
- (B) cirrus
- (C) Microburst
- (D) Stratus

15- _____ clouds are puffy clouds that sometimes look like pieces of floating cotton

- (A) Cumulus
- (B) Stratus
- (C) Cirrus
- (D) All of the above

Answers

1. (D)

2. (A)

3. (B)

4. (C)

5. (A)

6. (D)

7. (B)

8. (A)

9. (D)

10.(A)

11.(C)

12.(B)

13.(C)

14.(D)

15.(A)