

(These items were developed by teachers for the Technical Skills Assessment. Below is a sample item for each program standard.)

**Question 1 of 10**

Who is considered to be the FIRST aviation pioneer(s) to successfully complete a controlled, sustained flight of a powered, heavier-than-air aircraft?

- ☐ A) Wright brothers
- ☐ B) Montgolfier brothers
- ☐ C) Charles Lindbergh
- ☐ D) Leonardo de Vinci

**Question 2 of 10**

Which flight maneuver INCREASES the load factor compared to straight-and-level flight?

- ☐ A) Hover
- ☐ B) Turns
- ☐ C) Climbs
- ☐ D) Descents

**Question 3 of 10**

A person may NOT act as crew member of a civil aircraft if alcoholic beverages have been consumed by that person within how many hours?

- ☐ A) 24
- ☐ B) 12
- ☐ C) 6
- ☐ D) 8

#### Question 4 of 10

Which of the following is NOT a primary function of the engine oil system?

- ☐ A) Internal engine cooling
- ☐ B) External engine cooling
- ☐ C) Engine lubrication
- ☐ D) Internal engine cleaning

#### Question 5 of 10

How long will it take to fly 300 nautical miles at 120 nautical miles per hour (knots)?

- ☐ A) 15 minutes
- ☐ B) 120 minutes
- ☐ C) 150 minutes
- ☐ D) 180 minutes

#### Question 6 of 10

How is a military airport identified at night?

- ☐ A) Alternate white and green flashes
- ☐ B) Combination of white, yellow, and green flashes
- ☐ C) One green flash and two white flashes
- ☐ D) White flashes with a steady yellow flash

#### Question 7 of 10

An airfoil creates the GREATEST vortex strength under which flight condition?

- ☐ A) Light aircraft weight, flaps retracted, and slow airspeed
- ☐ B) Heavy aircraft weight, clean configuration, and slow airspeed
- ☐ C) Light aircraft weight, flaps deployed, and fast airspeed
- ☐ D) Heavy aircraft weight, flaps extended, and slow airspeed

### Question 8 of 10

What is the maximum forecast period for AIRMETs?

- ☐ A) 6 hours
- ☐ B) 12 hours
- ☐ C) 24 hours
- ☐ D) 1 hour

### Question 9 of 10

An aircraft is loaded 210 pounds over maximum certificated gross weight. If fuel (100 LL) is drained to bring the aircraft weight within limits, how much fuel should be drained?

- ☐ A) 30 gallons
- ☐ B) 35 gallons
- ☐ C) 30.9 gallons
- ☐ D) 33.3 gallons

### Question 10 of 10

Who is responsible for determining if a medically certified pilot is fit to fly?

- ☐ A) DOT
- ☐ B) Medical examiner
- ☐ C) Pilot
- ☐ D) FAA

Air Transportation Sample Test Answer Key

Question	Answer
1.	A
2.	B
3.	D
4.	B
5.	C
6.	C
7.	B
8.	A
9.	B
10.	C