

Aviation English Test 25
(Aircraft knowledge 1)

Choose the best answer for each question.

1- Which of the following is the largest passenger aircraft in the world?

- (a) Airbus A380
- (b) Boeing 747
- (c) Concorde
- (d) Airbus Beluga

2- Which of the following is the fastest passenger aircraft in the world?

- (a) Boeing 707
- (b) TU144
- (c) Concorde
- (d) Yakovlev Yak-40

3- Which of the following is the largest cargo aircraft in the world?

- (a) Antonov An-225 Mriya
- (b) Airbus Beluga
- (c) Boeing 747
- (d) Yakovlev Yak-40

4- Which of the following is the first passenger aircraft with a full double-deck fuselage?

- (a) Airbus Beluga
- (b) Boeing 747
- (c) Concorde
- (d)) Airbus A380

5- Which of the following is a technology used in the Boeing 787 Dreamliner to improve fuel efficiency?

- (a) Lithium-ion batteries
- (b) Electric taxiing
- (c) Carbon fiber composites
- (d) All of the above

6- Which of the following is the only supersonic passenger aircraft that has ever been operated commercially?

- (a) Concorde
- (b) TU144
- (c) Boeing 707
- (d) Yakovlev Yak-40

7- Which of the following is the only wide-body passenger aircraft with a four-engine configuration?

- (a) Airbus A350
- (b) Boeing 747
- (c) Boeing 777
- (d) Airbus Beluga

8- Which of the following Russian-made aircraft is the biggest?

- (a) Yakovlev Yak-40
- (b) Tupolev Tu-154
- (c) Ilyushin Il-62
- (d) Ilyushin Il-86

9- Which of the following is the only passenger aircraft that has ever been operated with a three-engine configuration?

- (a) Lockheed TriStar
- (b) Ilyushin Il-62
- (c) Airbus A330
- (d) Airbus A340

10- Which of the following was the first aircraft designed?

- (a) Boeing 747
- (b) Boeing 707
- (c) Boeing 737
- (d) Boeing 727

11- Which of the following planes is different from the others?

- (a) Embraer E195
- (b) Antonov An-225
- (c) Boeing 737
- (d) Airbus A320

12- Which of the following has a tiltrotor configuration?

- (a) Bell V-22 Osprey
- (b) Airbus H125
- (c) Sikorsky UH-60 Black Hawk
- (d) Airbus A350

13- Which of the following is the only passenger aircraft that has ever been operated with a water-landing capability?

- (a) Cessna Caravan
- (b) A-10 Thunderbolt
- (c) Grumman Goose
- (d) Airbus A320

14- What is the model of the first commercial aircraft produced by Airbus?

- (a) Airbus A310
- (b) Airbus A330
- (c) Airbus A300
- (d) Airbus A320

15- Which of the following is not an aircraft manufacturer?

- (a) Embraer
- (b) Airbus
- (c) Rolls Royce
- (d) Comac

Answers

1- (a) Airbus A380

Explanation: The Airbus A380 is the largest passenger aircraft in the world, with a maximum takeoff weight up to 560 tonnes and a capacity of up to 853 passengers.

2- (c) Concorde

Explanation: The Concorde was the fastest passenger aircraft in the world, with a maximum speed of Mach 2.04 (1,354 mph).

3- (a) Antonov An-225 Mriya

Explanation: The Antonov An-225 Mriya was the largest cargo aircraft in the world, with a maximum payload capacity of 640 tonnes (1,410,000 lb).

4- (d) Airbus A380

Explanation: The Airbus A380 is the first passenger aircraft with a double-deck fuselage.

5- (d) All of the above

Explanation: All of the above. Lithium-ion batteries, electric taxiing, and carbon fiber composites are all technologies used in the Boeing 787 Dreamliner to improve fuel efficiency.

6- (a) Concorde

Explanation: The Concorde was the only supersonic passenger aircraft that has ever been operated commercially.

7- (b) Boeing 747

Explanation: The Boeing 747 is the only wide-body passenger aircraft with a four-engine configuration.

8- (d) Ilyushin Il-86

Explanation: The biggest of these aircraft is (d) Ilyushin Il-86. It has a maximum takeoff weight of 215,000 kg (474,000 lb), while the other aircraft have maximum takeoff weights of 19,000 kg (42,000 lb) for the Yakovlev Yak-40, 100,000 kg (220,000 lb) for the Tupolev Tu-154, and 167,000 kg (368,000 lb) for the Ilyushin Il-62

9- (a) Lockheed TriStar

Explanation: The Lockheed TriStar was the only passenger aircraft that has ever been operated with a three-engine configuration

10- (b) Boeing 707

Explanation: The Boeing 707 was designed first, in 1952. The first Boeing 707 rolled out in 1957. The Boeing 747 was designed in 1965, 13 years after the Boeing 707. The first Boeing 747 rolled out in 1968 and entered service with Pan Am in 1970. The Boeing 727 was designed in 1964. The Boeing 737 was designed in 1964, the same year as the Boeing 727. The first Boeing 737 rolled out in 1965 and entered service with Lufthansa in 1968.

11- (b) Antonov An-225

Explanation: Only Mriya has 4 engines. Other planes have 2 engines.

12- (a) Bell V-22 Osprey

Explanation: The Bell V-22 Osprey is the only aircraft with a tiltrotor configuration among them.

13-(c) Grumman Goose

Explanation: The Grumman Goose was the only aircraft that has ever been operated with a water-landing capability.

14- (c) Airbus A300

Explanation: Airbus A300, the first aircraft launched by Airbus, introduced in 1974

15-(C) Rolls Royce

Explanation: Rolls Royce is an aircraft engine manufacturer.