

Airmen's Academic Examination

E16

Qualification	Commercial Pilot (Airplane) (Rotorcraft) (Airship)	No. of questions; time allowed	20 questions; 40 minutes
Subject	Civil Aeronautics Law (subject code: 04)	Code	A3CC041670

☆ Explanatory Notes: (1) In the designated spaces on the Airmen's Academic Examination Answer Sheet (Multiple-Choice Answers) (mark sheet), write your examinee number, examinee number mark, subject, subject code, subject code mark, qualification, qualification category, name, and date of birth. If you write your examinee number, examinee number mark, subject code, and/or subject code mark incorrectly, computer grading will not be possible and you will fail the subject.

(2) Write your answers on the Airmen's Academic Examination Answer Sheet (Multiple-Choice Answers) (mark sheet).

☆ Point Allocation: All questions are worth five points each.

☆ Pass Mark: The pass mark is 70 %.

- Question 1: Which of the following definitions in Article 2 (Definition) of the Civil Aeronautics Act is incorrect?
- (1) The term "air traffic control zone" means any airspace above any airport, etc. and its vicinity where frequent takeoff and landing of aircraft are performed, and designated in the public notice by the Minister of Land, Infrastructure, Transport and Tourism for the safety of air traffic in that airspace.
 - (2) The term "instrument meteorological condition" means bad weather conditions with a range of vision, specified by Ordinances of the Ministry of Land, Infrastructure, Transport and Tourism, taking the visibility and cloud conditions into consideration.
 - (3) The term "instrument flight" means a flight which is performed relying solely on flight instruments to measure the position, and course of the aircraft.
 - (4) The term "air transport services" means any business using aircraft to transport passengers or cargo for remuneration upon demand.
- Question 2: Which of the following sentences regarding the visual meteorological condition is incorrect?
- (1) Flight visibility shall be 8,000 m or more for an aircraft flying at altitudes of 3,000 m or above.
 - (2) Flight visibility shall be 5,000 m or more for an aircraft flying at altitudes of less than 3,000 m within an air traffic control area, air traffic control zone, or air traffic information zone.
 - (3) Flight visibility shall be 3,000 m or more for an aircraft flying at altitudes of less than 3,000 m in airspace other than an air traffic control area, air traffic control zone, or air traffic information zone.
 - (4) For an aircraft that tries to take off or land at an airport, etc. located within an air traffic control zone or air traffic information zone, ground visibility shall be 5,000 m or more (8,000 m or more if the airport, etc. is in the air traffic control zone and is designated in a public notice by the Minister of Land, Infrastructure, Transport and Tourism).
- Question 3: Which of the following duties is not within the scope of service of a commercial pilot?
- (1) Activities that those qualified as private pilot can perform
 - (2) Pilotage of an aircraft for free flight services, receiving remuneration
 - (3) Pilotage of an aircraft used for aerial work services
 - (4) Pilotage of an aircraft as pilot-in-command, which is used for air transport services and needs two persons for pilotage
- Question 4: The following statements (a) to (d) describe cases in which the owner of a registered aircraft shall submit an application for an alteration of the registration as stipulated in Article 7 (Alteration of Registration) of the Civil Aeronautics Act. How many of these cases are correct? Choose from (1) to (5) below.
- (a) The homebase of the aircraft has been changed.
 - (b) The name or address of the owner of the aircraft has been changed.
 - (c) The name or address of the operator of the aircraft has been changed.
 - (d) The manufacturer of the aircraft has been changed.
- (1) 1 (2) 2 (3) 3 (4) 4 (5) None
- Question 5: Which of the following statements regarding the prohibition of engaging in air navigation services after taking alcohol, drugs or other chemical agents stipulated in Article 70 (Intoxicants, etc.) of the Civil Aeronautics Act is correct?
- (1) No member of the aircrew shall engage in air navigation service for 8 hours after drinking alcohol.
 - (2) No member of the aircrew shall engage in air navigation service for 10 hours after drinking alcohol.
 - (3) No member of the aircrew shall engage in air navigation service for 12 hours after drinking alcohol.
 - (4) No member of the aircrew shall engage in air navigation service while his/her ability to perform normal operation of aircraft could be impaired.

- Question 6: Which of the following statements correctly applies to “instrument navigation flight” stipulated in Article 34 of the Civil Aeronautics Act?
- (1) Flights other than instrument flights, which rely solely on instruments for measurement of the attitude, altitude, position and course of an aircraft
 - (2) Flights other than instrument flights, which rely solely on instruments for measurement of the position and course of an aircraft
 - (3) Flights other than instrument flights, which rely solely on instruments for measurement of the attitude and course of an aircraft
 - (4) Flights other than instrument flights, which rely solely on instruments for measurement of the attitude and altitude of an aircraft
- Question 7: Which of the following validity periods of the aviation medical certification for a commercial pilot is incorrect?
- (1) In case a pilot performs flight operation of an aircraft for air transport services to transport passengers by one pilot and his/her age is under 40 at the day of issuance: 1 year
 - (2) In case a pilot performs flight operation of an aircraft for air transport services to transport passengers by one pilot and his/her age is 40 or over at the day of issuance: 6 months
 - (3) In case a pilot performs flight operation of an aircraft for air transport services (except the case that the flight operation of an aircraft for air transport services to transport passengers is performed by one pilot) and his/her age is under 60 at the day of issuance: 1 year
 - (4) In case a pilot performs flight operation of an aircraft for air transport services (except the case that the flight operation of an aircraft for air transport services to transport passengers is performed by one pilot) and his/her age is 60 or over at the day of issuance: 6 months
 - (5) In cases other than (1) to (4) above, the validity period is 2 years irrespective of the age at the day of issuance.
- Question 8: The following statements (a) to (d) indicate the periods for inspecting the emergency equipment installed in aircraft under the provision of Article 151 of the Ordinance for Enforcement of the Civil Aeronautics Act. How many of these statements are correct? Choose from (1) to (5) below.
- (a) Emergency signal light, portable light and waterproof portable light: 60 days
 - (b) Lifejackets, equivalent emergency equipment and lifeboats: 120 days
 - (c) First aid kit: 90 days
 - (d) Emergency rations: 120 days
- (1) 1 (2) 2 (3) 3 (4) 4 (5) None
- Question 9: How many of the following statements (a) to (d) regarding the examination, etc. of the specific pilot competence stipulated in Article 71-3 (Examination, etc. for Specific Pilot Competence) of the Civil Aeronautics Act are correct? Choose from (1) to (5) below.
- (a) The examination for the Specific Pilot Competence shall be conducted for each category of aircraft.
 - (b) The examination for the Specific Pilot Competence consists of a practical examination only.
 - (c) The examination for the Specific Pilot Competence may not be conducted using a flight training device.
 - (d) The examination for the Specific Pilot Competence shall check only about the operations in abnormal or emergency conditions.
- (1) 1 (2) 2 (3) 3 (4) 4 (5) None

- Question 10: The following items (a) to (d) are the types of air navigation radio facilities listed in Article 97 (Types of aeronautical radio navigation facilities) of the Ordinance for Enforcement of the Civil Aeronautics Act. How many of these items are correct? Choose from (1) to (5) below.
- (a) VOR
 - (b) DME
 - (c) GPS
 - (d) Satellite-based augmentation system
- (1) 1 (2) 2 (3) 3 (4) 4 (5) None
- Question 11: Which of the following documents is not included in “Any other documents necessary for flight safety as may be specified by Ordinances of the Ministry of Land, Infrastructure, Transport and Tourism” specified in Article 59 (Documents to be carried in aircraft) of the Civil Aeronautics Act?
- (1) Document specifying operating limitation
 - (2) Flight manual
 - (3) Aeronautical charts appropriate for flight sectors, flight method and other particular aspects of flight operations
 - (4) Engine logbook
- Question 12: When an aircraft is flying at an altitude lower than the altitude stipulated in Article 178 (Pressure altimeter setting) of the Ordinance for Enforcement of the Civil Aeronautics Act, the pilot-in-command shall adjust the pressure altimeter according to the QNH values at points on the flight path. Which of the following is the stipulated altitude?
- (1) 10,000 ft above mean sea level
 - (2) 13,000 ft above mean sea level
 - (3) 14,000 ft above mean sea level
 - (4) 15,000 ft above mean sea level
- Question 13: Which of the following actions must be taken by the pilot-in-command when an emergent danger occurs to the aircraft during flight, as stipulated in Article 75 of the Civil Aeronautics Act?
- (1) The pilot-in-command shall report the event to the Minister of Land, Infrastructure, Transport and Tourism as specified by Ordinances of the Ministry of Land, Infrastructure, Transport and Tourism.
 - (2) The pilot-in-command shall report the event to the nearest air traffic control authority.
 - (3) The pilot-in-command shall navigate the aircraft in accordance with instructions given by the Minister of Land, Infrastructure, Transport and Tourism in consideration of the safety of air traffic.
 - (4) The pilot-in-command shall employ every possible means necessary for rescuing passengers and preventing injury or damage to persons or property on land or water.
- Question 14: Which of the following does not correspond to the situations which a pilot-in-command shall report to the Minister of Land, Infrastructure, Transport and Tourism under Article 76 (Obligation to Report) of the Civil Aeronautics Act?
- (1) Injury or death of any person, or destruction of any object caused by aircraft
 - (2) Death (except those specified in Ordinances of the Ministry of Land, Infrastructure, Transport and Tourism) or disappearance of any person on board the aircraft
 - (3) Crash, collision, or fire of any other aircraft learnt through radio telegraph or radio telecommunication
 - (4) Contact with other aircraft
- Question 15: Which of the following statements regarding the right-of-way is incorrect?
- (1) When the flight paths of two aircraft with equal priority intersect or come close to each other, the aircraft that sees the other aircraft to its right shall yield its flight path to the other.
 - (2) When two aircraft with equal priority approach each other at head on angle or nearly head on angle, each aircraft shall change its flight path to the right.
 - (3) When an aircraft overtakes another aircraft ahead of it in flight (including overtaking by ascending or descending), it shall pass the aircraft in front on the left side.
 - (4) The aircraft with the right of way priority shall maintain its flight path and speed.

- Question 16: The following statements (a) to (d) are the standards which shall be followed when an aircraft flies in the air traffic control zone or the air traffic information zone with permission under the proviso of Article 94 of the Civil Aeronautics Act (special VFR). How many of these statements are correct? Choose from (1) to (5) below.
- Aircraft shall stay away from the cloud.
 - Aircraft shall maintain visibility of 1,500 meters or more.
 - Aircraft shall maintain visual recognition of ground or water surface.
 - Aircraft shall constantly maintain contact with the facility that gives permission under the proviso of Article 94 for the relevant zone.
- (1) 1 (2) 2 (3) 3 (4) 4 (5) None
- Question 17: Which of the following statements regarding the permission by the Minister of Land, Infrastructure, Transport and Tourism is correct?
- No aircraft shall, unless permitted by the Minister of Land, Infrastructure, Transport and Tourism, engage in formation flights.
 - No person other than those who have obtained permission from the Minister of Land, Infrastructure, Transport and Tourism shall drop any object from an aircraft.
 - No person other than those who have obtained permission from the Minister of Land, Infrastructure, Transport and Tourism shall engage in a parachute descent from an aircraft.
 - No aircraft shall, unless permitted by the Minister of Land, Infrastructure, Transport and Tourism, engage in acrobatic flights.
- Question 18: Which of the following statements regarding the flight plan is correct?
- Notification of the flight plan may be made verbally.
 - No aircraft shall engage in a flight without reporting its flight plan to the Minister of Land, Infrastructure, Transport and Tourism.
 - Any flight plan shall be reported before engaging in that flight.
 - Any flight plan shall state an alternate airport, etc.
- Question 19: If an aircraft had to fly against an ATC instruction due to an unavoidable reason such as a change in weather conditions, etc., which of the following actions should be taken?
- The aircraft shall land at the nearest available airport, etc. without delay.
 - The aircraft shall notify the fact to the Minister of Land, Infrastructure, Transport and Tourism without delay.
 - The aircraft shall contact without delay the air traffic control that issued the instruction.
 - The operator of the aircraft shall report the fact to the Minister of Land, Infrastructure, Transport and Tourism without delay.
- Question 20: How many of the following statements (a) to (d) correspond to the aeronautical information specified in Article 209-2 (Aeronautical information) of the Ordinance for Enforcement of the Civil Aeronautics Act? Choose from (1) to (5) below.
- Matters pertaining to commencement, suspension, re-commencement or termination of provision of airport, etc. and air navigation facility, important changes to these facilities and matters pertaining to operation of these facilities
 - Matters pertaining to problems for aircraft operations at airport, etc.
 - Matters pertaining to air traffic control
 - Matters that may affect the flight of aircraft such as launching of rocket or firework, flying aircraft in a group and others
- (1) 1 (2) 2 (3) 3 (4) 4 (5) None