

航空従事者学科試験問題

E1

資格	航空英語能力証明	題数及び時間	42題 60分
科目	航空英語〔科目コード：12〕	記号	K1XX121650

◎ 注 意 (1) 解答は、「航空従事者学科試験答案用紙」(マークシート)に記入すること。
 なお、「航空従事者学科試験答案用紙」(マークシート)は2枚あり、問1から問40までは1枚目(オレンジ色)の「航空従事者学科試験答案用紙」に解答を記入し、問41から問42までは2枚目(紫色)の「航空従事者学科試験答案用紙」に解答を記入すること。

(2) 1枚目の「航空従事者学科試験答案用紙」(マークシート)の所定の欄に、「受験番号」、「受験番号のマーク」、「科目」、「科目コード」、「科目コードのマーク」、「資格」、「種類」、「氏名」及び「生年月日」を記入すること。

また、2枚目の「航空従事者学科試験答案用紙」(マークシート)の所定の欄に、「受験番号」、「受験番号のマーク」、「科目」、「科目コード」、「科目コードのマーク」、「資格」及び「種類」を記入すること。

「受験番号」、「受験番号のマーク」、「科目コード」、「科目コードのマーク」、「氏名」及び「生年月日」の何れかに誤りがあると、コンピュータによる採点処理が不可能となるので当該科目は不合格となります。

◎ 判定基準 7割以上正解した者を合格とする。

Dialogue 1

Answer questions 1 to 3

Question 1

JA86AE had to stop because ...

1. it had engine trouble.
2. another aircraft had a trouble.
3. the runway was closed.
4. construction work was started.

Question 2

What did the controller instruct JA86AE after it stopped?

1. Make 180-degree turn on the runway.
2. Make 360-degree turn on the runway.
3. Taxi to S-7.
4. Taxi to S-8 and hold.

Question 3

JA86AE would have been airborne ...

1. when the SAR mission had been completed.
2. when it reported ready.
3. after inbound traffic landed.
4. after outbound traffic on S-8 took off.

Dialogue 2

Answer questions 4 to 6

Question 4

Controller provided the information of ...

1. birds migrating to the northeast on the east of the airport.
2. birds migrating to the east on the northeast of the airport.
3. another aircraft heading to the northeast on the east of the airport.
4. another aircraft heading to the east on the northeast of the airport.

Question 5

JA86AE rejected its takeoff due to ...

1. hydraulic failure.
2. bird activities.
3. landing gear trouble.
4. symmetric flaps.

Question 6

Besides the spot assignment, the controller would have ...

1. dispatched an operation's car.
2. coordinated for a towing car.
3. mobilized a fire brigade.
4. requested a patrol car.

Dialogue 3

Answer questions 7 to 9

Question 7

JA86AE, encountered wind shear ...

1. during its takeoff roll.
2. up to 300 ft.
3. between 300 ft and 500 ft.
4. between 500 ft and 700 ft.

Question 8

The engine was shut down ...

1. due to engine fire.
2. due to severe engine vibration.
3. inadvertently.
4. as a precaution.

Question 9

JA86AE would have executed ...

1. ILS approach.
2. VOR approach.
3. localizer approach.
4. visual approach.

Dialogue 4

Answer questions 10 to 12

Question 10

What was the nature of trouble JA86AE encountered?

1. Damage of the engine.
2. Severe icing on the airframe.
3. Smoke in the cockpit.
4. Bird strike.

Question 11

The reported visibility at Oita airport was ...

1. 500 m.
2. 600 m.
3. 700 m.
4. 800 m.

Question 12

What was the pilot's intention?

1. To jettison onboard fuel.
2. To proceed to the destination airport.
3. To proceed to the alternate airport.
4. To return to the originated airport.

Dialogue 5

Answer questions 13 to 15

Question 13

ATC informed about ...

1. moderate icing at 8 miles east of YOKAT.
2. moderate turbulence at 8 miles east of YOKAT.
3. moderate icing at 8 miles west of YOKAT.
4. moderate turbulence at 8 miles west of YOKAT.

Question 14

The target of vectoring was ...

1. YOKAT.
2. BRAID.
3. KUGA.
4. KOHZA.

Question 15

What was the last instruction by ATC?

1. Fly heading 145, climb to FL150, expedite climb until 10,000.
2. Fly heading 145, climb to FL150, expedite climb until 11,000.
3. Fly heading 145, climb to FL160, expedite climb until 10,000.
4. Fly heading 145, climb to FL160, expedite climb until 11,000.

Dialogue 6

Answer questions 16 to 18

Question 16

The controller asked the pilot, if he ...

1. requested a different course.
2. was experiencing rough air.
3. was declaring an emergency.
4. needed to change his altitude.

Question 17

The weather phenomenon was transmitted by ...

1. another aircraft.
2. a meteorological officer.
3. a dispatcher.
4. an ATC officer.

Question 18

JA18BD requested a lower altitude because ...

1. its engines were rather powerless.
2. it was difficult to breathe at the higher altitude.
3. it did not have any RNAV equipment.
4. of an unknown reason.

Dialogue 7

Answer questions 19 to 21

Question 19

What was the nature of the emergency?

1. An engine did not run smoothly.
2. Both engines did not run smoothly.
3. An engine instrument was malfunctioning.
4. Landing gear was not extended.

Question 20

The controller first instructed the pilot to ...

1. land immediately.
2. continue the flight planned route.
3. fly on a specific magnetic heading.
4. execute an instrument approach procedure.

Question 21

What was not included in the controller's transmissions?

1. An altitude assignment.
2. A target of vectoring.
3. Active runway.
4. An assignment of STAR.

Dialogue 8

Answer questions 22 to 24

Question 22

The pilot requested ...

1. medical assistance.
2. fire engines.
3. runway inspection.
4. special safe guard and procedures.

Question 23

The passenger seemed to ...

1. be bleeding.
2. have fever.
3. have headache.
4. be in trouble of breathing.

Question 24

What was the heading the controller initially assigned?

1. 130.
2. 210.
3. 230.
4. 310.

Dialogue 9

Answer questions 25 to 27

Question 25

The hazard for JA58KS was ...

1. turbulent air.
2. traffic congestion.
3. clouds ahead.
4. military exercise.

Question 26

The pilot's request was approved by ...

1. descending.
2. climbing.
3. turning to the right.
4. turning to the left.

Question 27

The pilot would have returned to the previous altitude in ...

1. 20 miles.
2. 25 miles.
3. 30 miles.
4. 35 miles.

Dialogue 10

Answer questions 28 to 30

Question 28

When JA18BD encountered the trouble?

1. During its takeoff roll.
2. Just after airborne.
3. Upon reaching the cruising altitude.
4. It was not mentioned.

Question 29

The controller instructed the pilot to ...

1. declare an emergency.
2. proceed to the right downwind.
3. proceed to the left downwind.
4. report fuel amount.

Question 30

The pilot finally decided to ...

1. hold on the downwind.
2. make evacuation after landing.
3. shut down the left engine.
4. declare an emergency.

Dialogue 11

Answer questions 31 to 33

Question 31

The problem seemed to be ...

1. engine fire.
2. smoke in the cockpit.
3. smoke in the baggage area.
4. fire in the cockpit.

Question 32

The pilot did not transmit ...

1. his latest position.
2. the nature of trouble.
3. declaration of an emergency.
4. a request for the landing clearance.

Question 33

The controller notified the pilot ...

1. the airport was in IMC.
2. the airport was in VMC.
3. no other aircraft were reported in the vicinity.
4. a departure aircraft was holding.

Dialogue 12

Answer questions 34 to 36

Question 34

The nature of the problem was ...

1. higher temperature of the battery.
2. bad weather.
3. pilot incapacitation.
4. propeller overspeed.

Question 35

The pilot requested ...

1. an emergency landing.
2. an instrument approach procedure.
3. to descend to 6,000 ft.
4. visual approach.

Question 36

The requested approach was not authorized due to ...

1. traffic situation.
2. terrain.
3. pilot's skills.
4. limited visibility.

Dialogue 13

Answer questions 37 to 39

Question 37

JA18BD abandoned landing because of ...

1. unstable wind direction.
2. a problem with the ILS receiver.
3. a trouble of its wheels.
4. rough air condition.

Question 38

The pilot decided to ...

1. make another approach.
2. work out the problem.
3. divert to the alternate airport.
4. declare an emergency.

Question 39

What was the altitude reported by the pilot during the missed approach?

1. 1,000 ft.
2. 2,000 ft.
3. 3,000 ft.
4. 4,000 ft.

Dialogue 14

Answer questions 40 to 42

Question 40

JA18BD was first instructed to ...

1. continue its approach.
2. report its position later.
3. go around.
4. hold its position.

Question 41

JA18BD reduced its speed probably ...

1. another aircraft was on the runway.
2. the controller instructed.
3. the other pilot suggested.
4. air was turbulent.

Question 42

The controller instructed N737BJ to hold probably ...

1. the other aircraft was on the runway.
2. the other aircraft was going around.
3. the release time was imposed.
4. due to earthquake and tsunami.