

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 1時間
科目	航空英語〔科目コード：12〕	記号	K1XX122310

◎ 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

After airborne, JA86AE would have ...

1. exercised navigation training.
2. gone out for the cross-country flight.
3. forwarded to the training area.
4. proceeded to the traffic pattern.

Question 2

The runway was closed due to ...

1. a live animal.
2. a disabled aircraft.
3. a vehicle.
4. an obstruction.

Question 3

The controller probably sent ...

1. an operation's car.
2. a towing truck.
3. a cargo truck.
4. a fire engine.

Dialogue 2

Answer questions 4 to 6

Question 4

JA86AE did not take off from runway 36 due to ...

1. runway check.
2. safety reasons.
3. aircraft performance.
4. bird sweep.

Question 5

What was not accepted by the pilot?

1. Expeditious taxiing.
2. Immediate takeoff.
3. Departure delay.
4. Intersection departure.

Question 6

The controller instructed the pilot to ...

1. enter the runway from T2.
2. enter the runway from T4.
3. exit the runway via T2.
4. exit the runway via T4.

Dialogue 3

Answer questions 7 to 9

Question 7

Controller advised that ...

1. another traffic was going to the northeast on the west of the airport.
2. another traffic was flying to the west on the northeast of the airport.
3. birds were traveling to the northeast on the west of the airport.
4. birds were migrating to the west on the northeast of the airport.

Question 8

What was the reason of the aborted takeoff?

1. Hydraulic failure.
2. Landing gear trouble.
3. Engine malfunction.
4. Bird strike.

Question 9

Runway inspection would have been initiated due to ...

1. cracks on the runway surface.
2. controller's suggestion.
3. contaminated surface.
4. bird strike.

Dialogue 4

Answer questions 10 to 12

Question 10

JA86AE experienced the bird strike ...

1. when it reached 500 ft.
2. near the threshold of runway 10.
3. when it started its takeoff roll.
4. when it was just airborne.

Question 11

What was the reason JA86AE stopped an engine?

1. It was automatically shutdown.
2. Due to unstable power.
3. Due to abnormal engine indication.
4. Due to engine fire.

Question 12

JA86AE would have landed via

1. ILS approach.
2. LOC approach.
3. VOR approach.
4. visual maneuver.

Dialogue 5

Answer questions 13 to 15

Question 13

JA86AE decided to return due to ...

1. trouble on the cabin pressurization.
2. smoke from the air conditioning system.
3. engine vibrations.
4. unusual sound.

Question 14

After ASPAM, JA86AE probably proceeded to the ...

1. right base for runway 24.
2. left base for runway 24.
3. right base for runway 06.
4. left base for runway 06.

Question 15

The informed traffic was ...

1. a press helicopter which was not sighted.
2. a press helicopter which was sighted.
3. a police helicopter which was not sighted.
4. a police helicopter which was sighted.

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

Wind shear was reported ...

1. 1,300 feet on approach course for runway 28.
2. on departure course for runway 28.
3. 8 miles southeast of airport.
4. 8 miles northwest of airport.

Question 29

ATC's second broadcast was a ...

1. gale warning alert on final.
2. down draft and wind shear warning on departure.
3. caution for a possible microburst encounter on final.
4. wind shear alert on final.

Question 30

The pilot would continue to hold until ...

1. 60 minutes.
2. weather improvement at Takamatsu airport.
3. weather improvement but maximum 30 minutes.
4. the preparation of ground was completed.

Dialogue 11

Answer questions 31 to 33

Question 31

The problem was with ...

1. ground facility.
2. aircraft equipment.
3. weather condition.
4. other traffic.

Question 32

Visual approach was not approved due to ...

1. traffic condition.
2. visibility.
3. cloud condition.
4. runway closure.

Question 33

The controller cancelled the clearance for VOR approach due to ...

1. pilot's request.
2. separation between other traffics.
3. preparation for the ground support.
4. visibility fallen below minima.

Dialogue 12

Answer questions 34 to 36

Question 34

What was the trouble with JA123G?

1. The malfunction of indication light in cockpit.
2. The malfunction of landing lights.
3. The malfunction of the airport lighting system.
4. The malfunction of flight instrument.

Question 35

What was a request made by JA123G?

1. A belly landing.
2. A priority landing.
3. A low approach.
4. A touch and go.

Question 36

JA123G held on downwind due to ...

1. considering the other ways.
2. preparation for landing.
3. preparation for ground support.
4. traffic separation.

Dialogue 13

Answer questions 37 to 39

Question 37

What was the trouble with JA870Q?

1. Bird strike during takeoff run.
2. Bird strike just after airborne.
3. Steering system malfunction.
4. Flight instrument malfunction.

Question 38

What was a request made by JA123G?

1. Runway check of runway 30.
2. Change the position for holding.
3. Landing runway change.
4. To send a towing car.

Question 39

JA123G was instructed to hold until ...

1. the ground aircraft vacated the runway.
2. completion of bird sweep.
3. completion of runway check for runway 27.
4. completion of towing of JA870Q.

Dialogue 14

Answer questions 40 to 42

Question 40

The controller told JA123G that ...

1. T5 was not available due to vehicle.
2. the weather condition of the airport.
3. T4 was not available due to construction.
4. the wind condition of approach area.

Question 41

The pilot reported the problem, which was ...

1. having entered into the wrong taxiway.
2. the malfunction of ILS.
3. hydraulic fluid leakage.
4. the engine trouble.

Question 42

The runway was closed due to ...

1. an aircraft stopped on the runway.
2. bird sweeping.
3. repair work.
4. runway check.