

# 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	K1XX1219B0

◎ 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

The original destination airport was ...

1. Sapporo.
2. Chitose.
3. New Chitose.
4. Asahikawa.

### Question 2

The problem with New Chitose airport was ...

1. curfew.
2. an aircraft accident.
3. traffic congestion.
4. weather.

### Question 3

The pilot changed his destination airport because ...

1. Asahikawa weather was below minima.
2. it is out of operational hours at the destination airport.
3. there was an accident at Sapporo airport.
4. Akita tower suggested.

## Dialogue 2

Answer questions 4 to 6

### Question 4

The departure runway was changed to 22, due to ...

1. a defect at the taxiway end.
2. possible repair work.
3. traffic on the runway.
4. foreign object on the runway.

### Question 5

The controller instructed the pilot to ...

1. taxi via runway 28, hold short of runway 22.
2. line up and wait runway 28.
3. taxi via runway 28, hold short of C1.
4. hold present position.

### Question 6

The controller informed JA07JB that repair is being done on the ...

1. wind sock.
2. PAPI.
3. taxiway crack.
4. runway crack.

## Dialogue 3

Answer questions 7 to 9

### Question 7

The reported problem was ...

1. wind shear at 800 ft.
2. a possible bird strike on departure.
3. bird activity over the approach end.
4. geese on the runway.

### Question 8

The problem was observed ...

1. over the approach end of runway 07.
2. by Miho tower.
3. by the preceding departure aircraft.
4. by JA07JB.

### Question 9

What was the species of birds near the runway?

1. Hawk.
2. Falcon.
3. Goose.
4. Heron.

## Dialogue 4

Answer questions 10 to 12

### Question 10

**Kushiro tower found the rubber chips ...**

1. before JA07JB's take-off roll.
2. during JA07JB's take-off roll.
3. after JA07JB lifted off.
4. during JA07JB's downwind leg.

### Question 11

**JA07JB experienced ...**

1. vibration.
2. a broken windshield.
3. low hydro pressure.
4. an engine failure during takeoff.

### Question 12

**JA07JB asked Kushiro tower to observe the ...**

1. flaps condition.
2. wind condition.
3. landing gear.
4. tire chips on the runway.

## Dialogue 5

Answer questions 13 to 15

### Question 13

The pilot first thought that they were having ...

1. a gear trouble.
2. troubles with an engine.
3. possible hydraulic leak.
4. a passenger trouble.

### Question 14

The controller instructed the pilot to ...

1. turn right and enter left downwind.
2. turn right and enter right downwind.
3. turn left and enter left downwind.
4. turn left and enter right downwind.

### Question 15

The pilot finally realized that ...

1. both engines had some trouble.
2. the cargo door was not latched.
3. a cabin door was open.
4. a belt seemed to be banging around outside a door.

## 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

**JA82BJ declared emergency due to ...**

1. cabin smoke detector failure.
2. hydraulic pump overheat.
3. some smoke in the cockpit.
4. something burning in the cabin.

### Question 29

**The controller instructed turn direction and altitude to the pilot because he would make ...**

1. a no flap landing.
2. a short field landing.
3. an emergency landing.
4. a precautionary landing.

### Question 30

**The controller promised to prepare ...**

1. police officers.
2. fire engines and paramedics.
3. runway check personnel.
4. quarantine and custom agents.

## Dialogue 11

Answer questions 31 to 33

### Question 31

**The controller reported to the pilot ...**

1. rough condition of runway 22.
2. wind shear and rough air condition on short final runway 22.
3. congestions of runway 28.
4. wind shear and rough air on short final of runway 28.

### Question 32

**JA82BJ requested visual approach to runway 22 due to the ...**

1. approach condition for runway 28.
2. traffic congestion on runway 28.
3. bird strike on runway 28.
4. instruction from the tower.

### Question 33

**Tower notified JA82BJ that they ...**

1. should line up on short final.
2. would receive the landing clearance on short final.
3. would encounter a moderate turbulence on short final.
4. would find departure traffic from runway 28.

## Dialogue 12

Answer questions 34 to 36

### Question 34

The pilot requested hold over OYODO initially because ...

1. wind-shear was reported on final.
2. radar depicted strong echo on final.
3. many birds were observed on final.
4. the wind condition was reported on final.

### Question 35

Latest wind ...

1. exceeded their aircraft limitation.
2. was over their crosswind performance.
3. did not satisfy their tailwind limitation.
4. satisfied operational restriction.

### Question 36

The controller instructed heading and altitude to the pilot because of ...

1. an outbound aircraft.
2. an approaching traffic.
3. an another landing aircraft.
4. a missed approach traffic.

## Dialogue 13

Answer questions 37 to 39

### Question 37

**The pilot requested to make a low approach, because they could not ...**

1. confirm the landing gear was down and locked.
2. complete landing checklist.
3. confirm the flap was fully extended.
4. prepare the cockpit for landing.

### Question 38

**After low approach, the controller instructed the pilot to ...**

1. follow missed approach course.
2. fly heading 150, climb to 3,000 feet.
3. fly heading 160, climb to 3,000 feet.
4. fly heading 160, climb to 4,000 feet.

### Question 39

**The controller instructed heading and altitude to the pilot because of ...**

1. another aircraft flying around near that course.
2. weather condition around missed approach course.
3. his aircraft's configuration.
4. his aircraft's performance.

## Dialogue 14

Answer questions 40 to 42

### Question 40

**JA82BJ was instructed to go-around because the prior traffic reported ...**

1. an obstruction on the runway.
2. a bird strike on the runway.
3. the runway condition check was not done.
4. some damage on the runway surface.

### Question 41

**The Tower controller instructed the pilot to ...**

1. change frequency as soon as possible.
2. change frequency before reaching the assigned altitude.
3. change frequency after reaching the assigned altitude.
4. remain on this frequency after leaving 3,000 feet.

### Question 42

**The controller corrected his read-back because the pilot ...**

1. said wrong heading.
2. repeated wrong altitude.
3. repeated incorrect frequency.
4. said wrong altitude and heading.