

# 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	K1XX121910

◎ 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

**JA82BJ was assigned ...**

1. OSUMI 3 departure.
2. OSUMI 4 departure.
3. SOUTH 3 departure.
4. SOUTH 4 departure.

### Question 2

**The assigned altitude for JA82BJ was changed to ...**

1. FL150.
2. FL170.
3. FL190.
4. FL210.

### Question 3

**JA82BJ could expect their departure at or later than 0300, due to ...**

1. gate congestion.
2. runway condition.
3. traffic congestion.
4. weather condition.

## Dialogue 2

Answer questions 4 to 6

### Question 4

The trouble was caused by ...

1. flight instrument.
2. auxiliary power unit.
3. the engine starter.
4. hydraulic system.

### Question 5

Controller instructed JA82BJ to return to ...

1. spot L3.
2. maintenance area.
3. their departed spot.
4. the spot next to the one they requested.

### Question 6

The pilot requested to cancel their flight plan because they ...

1. couldn't return to spot L3.
2. had completed their mission.
3. would not be able to finish this flight.
4. ordered another flight from their company.

## Dialogue 3

Answer questions 7 to 9

### Question 7

The problem with Niigata airport was ...

1. removal of an aircraft.
2. traffic congestion.
3. weather.
4. curfew.

### Question 8

The original alternate airport was ...

1. Niigata.
2. Yamagata.
3. Sendai.
4. Fukushima.

### Question 9

The pilot changed his alternate airport because ...

1. Sendai weather was below minimums.
2. Fukushima weather was below minimums.
3. Yamagata airport will be out of operational hours.
4. they have a curfew at Sendai airport.

## Dialogue 4

Answer questions 10 to 12

### Question 10

**The controller approved the pilot to ...**

1. hold short of active runway.
2. make a right turn departure.
3. make a straight out departure.
4. make a left turn departure.

### Question 11

**The pilot could not depart because of ...**

1. a radio problem.
2. a runway problem.
3. landing gear trouble.
4. trouble with the engine.

### Question 12

**The controller finally told the pilot ...**

1. to wait where he was.
2. to taxi off the runway.
3. that a fire truck was on the way.
4. that an ambulance was on the way.

## Dialogue 5

Answer questions 13 to 15

### Question 13

The pilot reported the trouble with the ...

1. under carriage.
2. flight control system.
3. engine control system.
4. pressurization system.

### Question 14

The controller approved the pilot's request to change heading in order to...

1. check his flaps condition.
2. attempt another approach.
3. fly to his alternate airport.
4. return to departed airport.

### Question 15

The pilot also requested to make ...

1. immediate landing.
2. visual approach.
3. low approach.
4. fuel jettison.

## Dialogue 6

Answer questions 16 to 18.

### Question 16

The problem that the pilot reported was ...

1. a cargo area fume.
2. an engine trouble.
3. a hydraulic failure.
4. smoke in the cabin.

### Question 17

The cause of problem that the pilot suspected was ...

1. a fire from the cargo.
2. a malfunction of the warning system.
3. a smoke from the cabin.
4. a smoke from the engine.

### Question 18

The controller reported the traffic information. The traffic was ...

1. moving southwest, altitude 10,000 ft.
2. moving southwest, altitude unknown.
3. moving northwest, altitude unknown.
4. moving northwest, altitude 10,000 ft.

## Dialogue 7

Answer questions 19 to 21.

### Question 19

The pilot changed his original flight plan due to ...

1. CB ahead of him.
2. system trouble.
3. shortage of fuel.
4. traffic nearby.

### Question 20

Finally, where was the destination airport of JA123G ?

1. Yao airport.
2. Takamatsu airport.
3. Wakayama airport.
4. Tokushima airport.

### Question 21

The traffic was reported at ...

1. 15 nm southeast and below.
2. 15 nm southeast and above.
3. 10 nm southeast and below.
4. 10 nm southeast and above.



## Dialogue 8

Answer questions 22 to 24.

### Question 22

**Hakodate runway was closed due to ...**

1. a possibility of explosion.
2. an aircraft accident.
3. heavy snow.
4. a crack of runway surface.

### Question 23

**JA123G requested to reduce speed due to ...**

1. arrival time constraint.
2. saving the fuel.
3. traffic separation.
4. runway closure.

### Question 24

**The pilot requested to change the assigned heading due to ...**

1. traffic.
2. icing condition.
3. cloud condition.
4. adjusting the arrival time.

## Dialogue 9

Answer questions 25 to 27.

### Question 25

The pilot made an emergency descend due to ...

1. rapid depressurization.
2. compressor stall.
3. wounded passenger.
4. cockpit smoke.

### Question 26

Initially, JA82BJ was located at ...

1. 12 o'clock 10 nm of JA123G.
2. 9 o'clock 10 nm of JA123G.
3. 12 o'clock 5 nm of JA123G.
4. 9 o'clock 5 nm of JA123G.

### Question 27

The pilot changed the destination because of ...

1. passenger handling.
2. aircraft handling.
3. poor maintainability.
4. bad weather.

## Dialogue 10

Answer questions 28 to 30

### Question 28

**What was the nature of the emergency?**

1. Fire in the cargo compartment.
2. Something was smoldering.
3. Hydraulic fluid was leaking.
4. Smoke from the engine.

### Question 29

**What was not informed by the controller?**

1. Fire trucks would be standing by.
2. Vectoring was provided.
3. Distance from the airport.
4. Type of approach.

### Question 30

**What was the pilot most likely to do right after landing?**

1. To vacate from the runway.
2. To halt on the runway.
3. To halt on the taxiway.
4. To taxi to the assigned spot.

## Dialogue 11

Answer questions 31 to 33

### Question 31

The controller asked the pilot if he could commence approach, because of ...

1. bad weather on the final approach course.
2. bad weather on the missed approach course.
3. tailwind for runway 09.
4. a flock of birds.

### Question 32

Holding was required due to ...

1. weather.
2. an arrival aircraft.
3. a departure aircraft.
4. flow control.

### Question 33

A departure aircraft would be airborne from ...

1. runway 09 in 5 minutes.
2. runway 09 in 15 minutes.
3. runway 27 in 5 minutes.
4. runway 27 in 15 minutes.

## Dialogue 12

Answer questions 34 to 36

### Question 34

**The pilot requested to descend ...**

1. for extending holding duration.
2. due to weather conditions.
3. for preparing diversion.
4. on account of traffic.

### Question 35

**The controller finally asked the pilot of ...**

1. an alternate airport.
2. total fuel amount.
3. possible holding duration.
4. aircraft conditions.

### Question 36

**The pilot's request was not authorized due to ...**

1. a departure aircraft.
2. runway inspection.
3. another aircraft in the air.
4. coordination with ACC.

## Dialogue 13

Answer questions 37 to 39

### Question 37

The controller instructed to go around, because ...

1. the runway was damaged.
2. the runway inspection was in progress.
3. an earthquake was experienced.
4. cracks were found on the runway.

### Question 38

After going around, JA63TK ...

1. returned to the departure airport.
2. diverted to an alternate airport.
3. declared an emergency.
4. executed missed approach.

### Question 39

How many aircrafts would be holding over Niigata VORTAC?

1. One
2. Two
3. Three
4. Four

## Dialogue 14

Answer questions 40 to 42

### Question 40

**JA63TK requested a low approach, because it ...**

1. encountered wind shear.
2. encountered microburst.
3. experienced a gear trouble.
4. experienced an electrical trouble.

### Question 41

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

1. to follow missed approach procedure.
2. to make a right turn.
3. to make a left turn.
4. nothing.

### Question 42

**The pilot's request was not authorized because of ...**

1. the noise abatement regulations.
2. congested arrival traffic.
3. congested departure traffic.
4. congested ground traffic.