

# 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	K1XX1222B0

◎ 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. TAPPI 5 departure.
2. TAPPI 6 departure.
3. HAKODATE 6 departure.
4. HAKODATE SOUTH 6 departure.

### Question 2

**The assigned flight level for JA82BJ was changed to ...**

1. 160.
2. 180.
3. 200.
4. 220.

### Question 3

**JA82BJ could expect their departure at or later than 0400, 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

The controller instructed JA82BJ to return to ...

1. their departed spot.
2. south one apron spot 11.
3. run up area.
4. the spot different from what they requested.

### Question 6

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

1. had completed their mission.
2. couldn't return to south one apron spot 11.
3. ordered another flight from their company.
4. would not be able to finish this flight.

## Dialogue 3

Answer questions 7 to 9

### Question 7

The controller instructed the pilot to ...

1. hold short of active runway.
2. fly to the west.
3. make a right turn departure.
4. make a left turn departure.

### Question 8

The pilot could not depart because of ...

1. a truck in the runway.
2. the trouble with the engine.
3. a runway problem.
4. a radio problem.

### Question 9

The controller finally told the pilot ...

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

## Dialogue 4

Answer questions 10 to 12

### Question 10

The pilot reported the trouble with the...

1. undercarriage.
2. nose gear door.
3. engine control system.
4. pressurization system.

### Question 11

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

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

### Question 12

The pilot also requested to make...

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

## Dialogue 5

Answer questions 13 to 15

### Question 13

**Tower observed flame and smoke from the ...**

1. left outboard wing.
2. right inboard wing.
3. left engine.
4. right engine.

### Question 14

**The pilot had noticed ...**

1. a high EGT indication.
2. an indication of wheel well fire.
3. dense smoke in the cockpit.
4. a loud noise from the engines.

### Question 15

**The pilot requested change in heading and altitude to ...**

1. fly to another airport.
2. return to departed gate.
3. fly to his original destination.
4. return to departed airport.

## Dialogue 6

Answer questions 16 to 18

### Question 16

The pilot requested to change altitude due to ...

1. turbulence.
2. icing condition.
3. system trouble.
4. cloud condition.

### Question 17

The controller instructed heading due to ...

1. traffic of opposite direction.
2. traffic of same direction.
3. arrival spacing.
4. avoidance of the restricted area.

### Question 18

The trouble of equipment of JA123G was ...

1. a malfunction of altimeter, and it was fixed.
2. a malfunction of altimeter and it was not fixed.
3. a malfunction of transponder, and it was fixed.
4. a malfunction of transponder and it was not fixed.

## Dialogue 7

Answer questions 19 to 21

### Question 19

The problem seemed to be ...

1. an engine fire.
2. an electrical smoke.
3. something burning in the baggage room.
4. the brake overheat.

### Question 20

The controller missed to inform the ...

1. runway in use.
2. traffic information.
3. braking action.
4. visibility.

### Question 21

The intention of the pilot was ...

1. to stop on the runway and make an evacuation.
2. to stop on the runway and request a towing car.
3. to return to his home base.
4. to make a low approach for checking the trouble.



## Dialogue 8

Answer questions 22 to 24

### Question 22

The problem of JA123G was ...

1. an engine fire and shut it down.
2. smoke in the cargo compartment.
3. a fire in the cabin, but extinguished.
4. a fire in the cabin, and not extinguished.

### Question 23

The status of navigation aids at Fukushima airport was ...

1. VOR not available due to trouble.
2. VOR not available due to flight check.
3. ILS not available due to trouble.
4. ILS not available due to flight check.

### Question 24

The intention of the pilot was ...

1. VFR landing.
2. VOR approach.
3. ILS approach.
4. NDB approach.

## Dialogue 9

Answer questions 25 to 27

### Question 25

**Shonai airport was closed due to ...**

1. the arrival aircraft stopped off the runway.
2. weather condition.
3. repair work of the runway.
4. runway condition.

### Question 26

**The pilot requested to change his heading due to ...**

1. destination change.
2. wake turbulence.
3. short cut of enroute course.
4. cloud condition.

### Question 27

**The information that the controller told to the pilot was ...**

1. icing condition at 10 nm southwest of Yamagata VOR.
2. icing condition at 10 nm southeast of Yamagata VOR.
3. turbulence at 10 nm southwest of Yamagata VOR.
4. turbulence at 10 nm southeast of Yamagata VOR.

## 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.