

# 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	K1XX121630

◎ 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**

**Controller informed about ...**

1. departure traffic.
2. rescue activities.
3. rough air on the departure course.
4. bird activities.

### **Question 2**

**JA86AE changed its departure runway probably for ...**

1. aligning to the wind.
2. avoiding other aircraft.
3. saving time.
4. precaution for bird strike.

### **Question 3**

**What was the reason JA86AE did not takeoff?**

1. Abnormality of the engine instrument.
2. Brake system failure.
3. Weather conditions.
4. Curfew.

## Dialogue 2

Answer questions 4 to 6

### Question 4

**What was the problem JA86AE encountered?**

1. Unusual engine parameter.
2. Abnormality of the flight instrument.
3. Malfunctioning of the navigational receiver.
4. Excessive fuel flow.

### Question 5

**What was reported by JA86AE on the runway?**

1. Obstruction.
2. Bird activities.
3. Runway cracks.
4. Damage of the lighting system.

### Question 6

**Probably, the controller had dispatched ...**

1. a towing truck.
2. a police car.
3. an operation's car.
4. an ambulance.

## Dialogue 3

Answer questions 7 to 9

### Question 7

The information provided by the controller was about ...

1. rough air conditions reported by arrival aircraft.
2. possible encounter to the turbulence.
3. from the preceding departure.
4. aircraft in the traffic pattern.

### Question 8

Controller canceled takeoff clearance because of ...

1. a container on the runway.
2. the separation between the traffic.
3. a ground vehicle.
4. an animal.

### Question 9

Controller would have arranged to send ...

1. a towing car.
2. a fire engine.
3. a bird patrol.
4. an operation's car.

## Dialogue 4

Answer questions 10 to 12

### Question 10

**JA86AE was making air turn back because of ...**

1. tail strike.
2. bird strike.
3. engine trouble.
4. passenger sickness.

### Question 11

**JA86AE exercised holding over RIVER MOUTH because of ...**

1. runway closure.
2. controller's instruction.
3. preparation for landing.
4. another traffic.

### Question 12

**Probably, JA86AE would have ...**

1. declared an emergency.
2. requested radar navigational guidance.
3. reported over RIVER MOUTH.
4. made a belly landing.

## Dialogue 5

Answer questions 13 to 15

### Question 13

**JA86AE was making air turn back because of ...**

1. landing gear trouble.
2. abnormality of the wing surface.
3. jammed flight control.
4. encountered turbulence.

### Question 14

**JA86AE requested ground supports preparing for ...**

1. belly landing.
2. emergency landing.
3. steering system failure.
4. engine fire.

### Question 15

**JA86AE would have proceeded to ...**

1. overhead the airport.
2. a visual reporting point.
3. the right downwind.
4. the left downwind.

## 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. ride condition.

### 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 maintenance support.
4. bad weather.

## Dialogue 10

Answer questions 28 to 30

### Question 28

**Runway in use and QNH at Okayama airport were ...**

1. runway 25 and QNH 2998.
2. runway 07 and QNH 2998.
3. runway 25 and QNH 2989.
4. runway 07 and QNH 2989.

### Question 29

**What was the reason of the holding?**

1. Due to weather conditions.
2. Due to an arrival aircraft.
3. To wait for an ATC authorization.
4. Due to landing preparation.

### Question 30

**JA86AE climbed to 3,000ft ...**

1. in order to maintain VMC.
2. due to a conflicting aircraft.
3. considering ride conditions.
4. due to terrain clearance.

## Dialogue 11

Answer questions 31 to 33

### Question 31

**What was the first information provided by ATC?**

1. Weather conditions of the alternate airport.
2. A part of the approach lights was out of service.
3. All the approach lights were out of service.
4. Some sort of cautionary sign was indicated.

### Question 32

**JA86AE initiated a go-around because ...**

1. of runway inspection due to bird strike.
2. it was instructed by ATC.
3. essential lights are partly invisible.
4. an obstacle was reported on the runway.

### Question 33

**The pilot intended to ...**

1. divert to another airport without holding.
2. divert to another airport after holding.
3. hold until the runway was open.
4. commence another approach immediately.

## Dialogue 12

Answer questions 34 to 36

### Question 34

**The pilot requested an emergency landing due to ...**

1. critical engine condition.
2. critical fuel condition.
3. pilot incapacitation.
4. engine surging.

### Question 35

**The controller would have dispatched ...**

1. a towing truck.
2. medical staff.
3. fire fighters.
4. police officers.

### Question 36

**The landing clearance would have been issued ...**

1. after a helicopter landed.
2. after a departure aircraft was rolling.
3. when an arrival aircraft vacated the runway.
4. when the controller was not so busy.

## Dialogue 13

Answer questions 37 to 39

### Question 37

**The informed traffic was flying to the ...**

1. west on the west of the airport.
2. east on the west of the airport.
3. west on the east of the airport.
4. east on the east of the airport.

### Question 38

**The pilot reported the problem ...**

1. over MIBAI.
2. at five miles to MIBAI.
3. over UTIMA.
4. at five miles to UTIMA.

### Question 39

**The problem was with the...**

1. landing gear system.
2. lighting system.
3. hydraulic system.
4. fuel transferring system.

## Dialogue 14

Answer questions 40 to 42

### Question 40

**What was the nature of trouble of JA86AE?**

1. Engine fire.
2. Engine failure.
3. Hydraulic leak.
4. Smoke in the flight deck.

### Question 41

**The controller probably sent ...**

1. fire engines.
2. towing trucks.
3. operation's vehicles.
4. ambulances.

### Question 42

**JA82BJ decided to divert probably ...**

1. ATC recommended it.
2. the company ordered.
3. by his judgment.
4. weather conditions were worsened.