

考試別：民航人員考試

等別：三等考試

類科組別：各類科

科目：英文

考試時間：2 小時

座號：_____

※注意：禁止使用電子計算器。

甲、申論題部分：(50 分)

(一)不必抄題，作答時請將試題題號及答案依照順序寫在申論試卷上，於本試題上作答者，不予計分。

(二)請以藍、黑色鋼筆或原子筆在申論試卷上作答。

一、英譯中：(10 分)

To reduce carbon emissions, the aviation industry has adopted several sustainable strategies, like replacing traditional cabin materials with eco-friendly alternatives. Many airports are also turning to renewable energy and smart technologies to lower energy consumption. However, despite these efforts, overall carbon emissions are still expected to rise significantly. Therefore, experts emphasize that developing and promoting electric and hydrogen aircrafts are imperative to achieve the goal of net-zero emissions.

二、中譯英：(15 分)

近期一連串因行動電源引發的事故，已引發大眾對航空安全的關注。為了降低鋰電池短路或起火的風險，自 2025 年 3 月 1 日起，多家航空公司已禁止旅客在飛行途中使用行動電源。此外，行動電源不可存放於座位上方的行李櫃中，必須放置於個人隨身行李內。

三、英文作文：(25 分)

On January 15, 2009, US Airways Flight 1549 lost both engines after a bird strike. Air traffic control suggested returning to LaGuardia or going to another airport, but Captain Sullenberger judged these options unsafe. He made the decision to land on the Hudson River, successfully saving all 155 people on board. The National Transportation Safety Board later investigated whether his choice was appropriate. Write a 250-word essay analyzing Captain Sullenberger's leadership and judgment during this crisis. In your opinion, during emergencies, is it better to follow the established authority or rely on your own judgment? Support your view with specific examples.

乙、測驗題部分：（50 分）

代號：4401

(一)本試題為單一選擇題，請選出一個正確或最適當答案。

(二)共40題，每題1.25分，須用2B鉛筆在試卡上依題號清楚劃記，於本試題或申論試卷上作答者，不予計分。

- 1 A major advantage of 3D printing is that designs for objects can be easily _____ or changed.
(A) accustomed (B) accredited (C) customized (D) cushioned
- 2 The man who donated lots of money wished to remain _____ so as not to attract too much attention to himself.
(A) ignoble (B) illegible (C) illusive (D) incognito
- 3 The union representative ultimately _____ himself with the company and betrayed the other employees who were still on strike.
(A) aligned (B) eroded (C) deterred (D) besieged
- 4 Those executives are _____ about the amount of employee salaries while giving enormous incentive pay for themselves.
(A) ascending (B) thrusting (C) emerging (D) quibbling
- 5 The rockets fired for two minutes at launch before they were _____ from the shuttle to parachute into the sea.
(A) jettisoned (B) resurrected (C) counteracted (D) stigmatized
- 6 A cereal company first launched rice cakes as a low-carb _____ to bread in the mid-'80s.
(A) alternative (B) submission (C) consequence (D) emission
- 7 The old culture of this financial institution, including its lack of _____ and the poor deal-making, has unfortunately returned.
(A) accuracy (B) redundancy (C) transparency (D) autocracy
- 8 This software helps those who strive for freedom of speech _____ censorship systems in their own countries.
(A) bypass (B) foster (C) postpone (D) withdraw
- 9 Shakespeare is unique in clothing a thought, original or familiar, _____ or trivial, in words that have rooted themselves in the innermost consciousness of millions.
(A) profitable (B) productive (C) profound (D) professed
- 10 She has done a great _____ to the cause of advocating peace by suggesting that violence is justifiable.
(A) favoritism (B) fetish (C) discourtesy (D) disservice
- 11 Buying health insurance is of vital importance because it can provide medical _____ after the happening of accidents.
(A) apprehension (B) imagination (C) coverage (D) reportage
- 12 The doctors are going to vaccinate all the children in the city to _____ an epidemic.
(A) avert (B) flourish (C) refurbish (D) shear
- 13 Before the rescue team arrived, the two climbers were told to spend an uncomfortable night on the mountain, but at no time were their lives in _____.
(A) jeopardy (B) smudge (C) consignment (D) merriment
- 14 The fallen tree _____ the road, making it impossible for cars to pass through.
(A) purged (B) thawed (C) exempted (D) obstructed
- 15 The police are constantly on the lookout for software _____ who illegally copy and sell software for personal gain.
(A) pirates (B) attorneys (C) navigators (D) entrepreneurs
- 16 As an online learner, it is absolutely _____ for me to have unhindered access to the Internet, whether I am on the go or at home.
(A) imperative (B) responsible (C) identifiable (D) representative
- 17 Since there are no _____ differences between the two paintings, people can't tell which one is fake.
(A) discernible (B) ambitious (C) ambiguous (D) reversible

- 18 The city will soon _____ the new plan to address severe mental illness and to compel treatment for people in serious crisis.
(A) infatuate (B) inaugurate (C) inflame (D) incarnate
- 19 In order to further upgrade their service, supermarkets often look forward to having the _____ of their customers.
(A) supply (B) performance (C) rejection (D) feedback
- 20 The President decides to launch the _____ bill in order to boost customers' confidence and restore the deteriorating economic situation in the country.
(A) surplus (B) stimulus (C) submersion (D) surveillance
- 21 I had a terrible day at work, and _____, my car wouldn't start when I tried to leave.
(A) on top of that (B) on the contrary (C) to begin with (D) to sum up
- 22 The number of asylum seekers entering Canada is surging, testing some residents' _____ to welcoming refugees.
(A) bias (B) commitment (C) discrimination (D) prejudice
- 23 Eating certain foods can _____ allergic reactions in individuals who have food allergies.
(A) access (B) trigger (C) meddle (D) afford
- 24 Because the volcano erupted constantly, the government decided to _____ the residents nearby.
(A) evacuate (B) evaluate (C) calculate (D) dominate
- 25 The _____ of the court was that the villain was guilty of fraudulent conducts.
(A) verdict (B) version (C) vantage (D) vision
- 26 The singer _____ the high notes effortlessly, impressing the audience with her amazing vocal range.
(A) belted (B) mumbled (C) hit (D) whispered
- 27 The reporter irritated the speaker for asking too many questions _____ to the meeting.
(A) irrelevant (B) digressing (C) dissociated (D) deviant
- 28 Built over 150 years ago, Clifton Suspension Bridge links Clifton in Bristol with Leigh Woods in Somerset. The view of this bridge is the stunning _____ to a leisurely walk.
(A) backboard (B) backcloth (C) backbench (D) backlash
- 29 The committee will organize a series of events to _____ the 100th birthday of the poet.
(A) collaborate (B) commemorate (C) correspond (D) coincide
- 30 The _____ government is working to improve infrastructure and promote economic growth across the region.
(A) universal (B) earthly (C) provincial (D) worldly

請依下文回答第 31 題至第 35 題：

A significant majority of nations agreed on language for a UN treaty to protect ocean life, which is under growing threat from climate change, overfishing and seabed mining. The 31 deal came after tense talks and two decades of planning. Right now, the "high seas," which span almost half the planet, are a mostly ungoverned wilderness. If 32, the treaty would be able to designate protected areas, where fishing and other activities that harm marine life are 33 or prohibited. It would create an international framework with a primary 34 on protecting ocean species or ecosystems. Many experts and groups celebrated the treaty as a major 35 for biodiversity. The high seas have "probably the largest reserve of undiscovered biodiversity left on Earth," said the director of the international oceans program.

- 31 (A) exotic (B) long-awaited (C) absent-minded (D) precocious
- 32 (A) boycotted (B) conceded (C) ratified (D) vetoed
- 33 (A) promoted (B) restricted (C) advocated (D) obligated
- 34 (A) focus (B) negligence (C) refute (D) disconnection
- 35 (A) entry (B) loss (C) win (D) issue

請依下文回答第 36 題至第 40 題：

A sedentary lifestyle eventually takes a toll on health but **snapping out of** prolonged inactivity can be daunting. Now, however, there may be a simple way to ease into more activity. A recent study suggests that short bursts of vigorous activity every day—climbing stairs, carrying a heavy load of groceries, or stepping up the pace of housework—can provide substantial health benefits.

The University of Sydney exercise scientist Emmanuel Stamatakis, who led the research, says “majority of the people, but also many health professionals still think of physical activity as something that you do during your free time, and you need to go somewhere to do it.” “In recent years, there’s an acknowledgement and increased emphasis on the idea that all activity counts,” he says. But the outcomes are intensity-dependent. His team found that engaging in three one-minute bursts of intense physical activity every day can lower a person’s risk of death by up to 40 percent. Such short but vigorous periods of activity similarly reduced the chances of dying from cancer or cardiovascular disease.

Stamatakis and his colleagues were keen to understand if daily life activities done somewhat vigorously in short bouts could also provide health benefits to a sedentary or less active lifestyle. To study this, his team used data from Fitbit-like devices worn by nearly 25,000 adults who identified as non-exercisers. Over the course of seven days, they used machine learning tools to determine whether a person was either sedentary, standing, walking, or engaging in high-intensity activities like running. The researchers also categorized any movement into light, moderate, or high intensity. The team found that people who engaged in at least four one-to-two-minute, high intensity physical activity bursts every day had a nearly 40 percent less risk of dying from cancer and a roughly 49 percent lower chance of dying from a cardiovascular disease.

Edward Coyle, an exercise physiologist at the University of Texas, has been exploring how four-second bursts of rigorous physical activity can offset harmful effects of sitting for prolonged periods. He conducted a small study in which young adults pedaled a stationary exercise bike as fast as they could five times every hour for four-second sprints over an eight-hour study period. His team noted that these tiny bursts of activity improved fat metabolism. He said he was surprised to find how effective these four-second spurts were and they were equally effective to doing 30 minutes of continuous exercise.

- 36 According to the passage, who is Emmanuel Stamatakis?
(A) A physician. (B) A researcher. (C) A therapist. (D) A nutritionist.
- 37 Which of the following is similar in meaning to the phrase “snapping out of” in the passage?
(A) Getting angry suddenly. (B) Returning quickly.
(C) Stopping being in. (D) Closing something.
- 38 Which of the following best describes the main idea of the passage?
(A) Regular physical activity is one of the most important things for us to improve health.
(B) A few bursts of short but intense physical activity can have positive effects on health.
(C) Moderate-intensity exercise includes brisk walking, raking the yard, and playing tennis.
(D) Sedentary lifestyles appear widespread despite being linked to chronic health conditions.
- 39 According to the passage, who are the participants included in the Stamatakis’ study?
(A) Those who don’t exercise. (B) Those who exercise regularly.
(C) Those who like to do workouts. (D) Those who are professional athletes.
- 40 According to the passage, which of the following is true in Edward Coyle’s study?
(A) Young adults need to do outdoor cycling.
(B) The study requires the participants to finish 8 exercises.
(C) Every workout takes only four seconds.
(D) It takes 30 minutes to complete the whole exercise.