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英文科試題 (共 6 頁)

選擇題請在答案卡上作答，否則不予計分。

本試題分字彙、文法、閱讀與作文四大題。前三大題為單選題，請在答案卡上作答。

I. Vocabulary: 24%

In each of the following 10 sentences there is a blank where a word is left out. Choose the answer that best completes the sentence and write its corresponding letter on the answer card.

- The _____ at the museum is a world-renowned scholar whose research involves exploring stone ruins to learn about the peoples who lived in them.
(A) warden (B) skipper (C) curator (D) steward
- She was staging an event to thank her _____ for their support over the last twenty years.
(A) compatriots (B) havens (C) debris (D) apparatus
- Undernutrition can lead to extreme weight loss, _____ growth, and weakened resistance to infection.
(A) stunted (B) wary (C) withheld (D) radial
- The high-tech train, which was once _____ as a step into the future, was replaced by shuttle buses.
(A) oppressed (B) floundered (C) undermined (D) hailed
- A deer was rescued by wildlife workers after getting _____ on an icy lake.
(A) seducing (B) stranded (C) disposable (D) immense
- This predictable relation between income and transport spending allowed us to conjecture _____ about the future.
(A) plausibly (B) chronically (C) monotonously (D) latently
- That everything old is new again is a simplistic _____ on the tenets of upcycling, or giving renewed purpose to something others send to landfills.
(A) move (B) being (C) take (D) push
- There could be a variety of resolutions to try for the new year: an updated fitness _____, pursuing new hobbies and getting organized are all options.
(A) dietitian (B) regime (C) dictation (D) purgative
- This is Josh's favorite band even though every song the band plays seems to _____ with anger.
(A) outrage (B) pulsate (C) discharge (D) discern
- The general public's interest in continuing education in recent years has been encouraged by the _____ economy and tough job market.
(A) volatile (B) permeable (C) auspicious (D) promising
- As Glasgow put it, "Legal constraints maintained _____ that worked against any single individual having too much power."
(A) a derangement (B) an orientation (C) a preponderance (D) an equilibrium

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12. Under the pale blue sky the trees seemed visibly to ____: yesterday's bare branches swelled into bud and would be in leaf by tomorrow. (By R. Brandon)
(A) slack (B) burgeon (C) hurtle (D) eclipse

II. Grammar: 26%

In each of the following 10 sentences there is a blank where a word, a phrase, or a clause is left out. Choose the answer that best completes the sentence and write its corresponding letter on the answer card.

13. ____ a mother taught her daughter cooking, so the family recipe could pass on to the next generation.
(A) Fading quickly are the days during when
(B) The days were quickly fading at that
(C) Quickly fading are the days when
(D) Quickly are the days faded as
14. The hikers ____ stormy weather on the way to the top of the mountain.
(A) ran into (B) ran off (C) ran up (D) ran around
15. The design of the telescope trades fine resolution for ____.
(A) large fields of a view (B) large field of views
(C) a large fields of view (D) large field of view
16. People who like his style are not ____ and buy the same products.
(A) a kind rushing out (B) the kind to rush out
(C) the kind rush out (D) a kind who rushes out
17. The violence looked spontaneous; ____.
(A) it was anything but
(B) but nothing could be sure
(C) although it looked otherwise
(D) although it did
18. He wasn't conscious ____ on his friend's toes.
(A) for having stepped (B) with stepping (C) of having stepped (D) at being stepped
19. The amount of time small-business managers spend at work ____.
(A) have been increased (B) has increased (C) have increased (D) had been increased
20. Each tree alters the supply of resources, and ____, it changes its own chances for survival.
(A) in doing so (B) with doing so (C) for doing so (D) do so
21. ____ the advertising ban on electronic media, sponsorship of tournaments has granted substantial airtime.
(A) Regardless (B) Although (C) Whereas (D) Despite

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22. Scientists considered the connection between nutrition and intellectual development _____ straightforward.
(A) being (B) been (C) to be (D) has been
23. Computers _____ could take on a supervisory role, assigning speeds and directing the passage of vehicles.
(A) monitoring the roadways (B) have been monitored roadways
(C) having been monitored the roadways (D) monitor the roadways
24. She wears cotton blouses _____ 42% of the engagements she attends.
(A) at (B) to (C) up (D) with
25. The preparation and the cleanup afterward constitute the most difficult part of baking apple pies. It actually takes longer to prepare and bake apple pies than _____.
(A) they being eaten
(B) they do to be eaten
(C) it does for them to be eaten
(D) it does be eaten them

III. Reading Comprehension: 20%

Each reading passage is followed by five questions. Choose the best answer to each question, and write its corresponding letter on the answer card.

Passage 1

Pain comes in a range of unpleasant flavors. But all pain has one thing in common: those who endure it want it to stop. Over the past 20 years neurobiologists have learned a great deal about the cellular circuits and the specialized molecules that carry pain signals. Today this knowledge is being exploited to devise new strategies for managing pain better and causing fewer side effects. Indeed, more approaches than we have room to discuss are now under study.

In the search for new analgesics, much effort has been directed toward the place where hurtful signals typically originate: the periphery. Certain of the specialized molecules that nociceptors use to detect noxious stimuli rarely occur elsewhere in the body. Blocking these molecules would presumably shut off pain signaling without disrupting other physiological processes and, thus, without causing unwanted side effects.

Suppose drug companies do develop a so-called magic bullet analgesic: a compound that specifically and effectively eliminates the activity of one of the pain-transducing molecules on nociceptors. Would this intervention provide relief from intractable pain? Maybe not, because closing off a single entrance to the pain pathway might not be enough.

One way around this redundancy problem would be to administer a cocktail of inhibitory molecules that targets multiple pain mechanisms. Another approach, though, would target molecules that act more centrally, blocking the ability of all nociceptors—no matter what stimuli initially activated them—to pass their pain signals

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to spinal cord neurons. But whether these therapies help patients needs further research.

26. According to the passage, what are nociceptors?
- (A) They are stimuli.
(B) They are uncommon nerves.
(C) They are sensory nerves.
(D) They are molecules.
27. According to the passage, which of the following is true?
- (A) Pain is a pathway leading to a goal.
(B) Molecules do not have side effects.
(C) Spinal cord neurons can be another entrance.
(D) Analgesics under investigation have to do with inhibition.
28. In the passage, the word 'administer' means ____.
- (A) control (B) invent (C) produce (D) generate
29. We can infer from the passage that ____.
- (A) There was neurobiological research on pain.
(B) Pain is a one-way path.
(C) Pain-transducing molecules are magical.
(D) Patients are tolerable.
30. What is the main idea of the passage?
- (A) Pain endurance
(B) Pain treatment
(C) Pain stimuli
(D) Origin of pain

Passage 2

'Bums on seats' is a popular phrase in theatre marketing which underlines the reality of the theatre world. Just like any business, it has a dependence on revenue with actors to be paid and facilities to satisfy even the most fickle audience. Even the most celebrated West End musicals suffer this desperate need to put bums in seats, but the task is made considerably easier that London theatre tickets can be bought online. The advantages that come with online ticketing are many, but four in particular reflect the true value of that mode of purchase. They are accessibility, speed, advanced planning and avoiding the queues.

Accessibility is key from the perspective of both the theatre and the theatre goer. Theatres need to be able to reach out to the public to ensure that the widest possible market is tapped into. A show may have a market of millions if they concentrate efforts in London only, but that number increased to tens of millions if efforts

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expand nationwide.

Of course, for tourists or professionals from out of town, internet booking has made it possible to arrange entertainment for a specific evening well in advance. With tickets secured in advance, the itinerary can be made much clearer. Tourists, meanwhile, may include a night on the West End on their list of things to do. Booking before even arriving in the city helps to streamline their busy touring schedule.

The other advantage of purchasing London theatre tickets online is the fact that queuing is avoided. It is perhaps the most unpleasant aspect of the traditional visit to the box office, particularly when demand for Dirty Dancing tickets, for example, can have a person waiting for hours before even reaching the box office window. Even the jaunt from home, through traffic and crowds, adds time to the task, making the disappointment should the sold out sign suddenly appear all the more cruel.

Purchasing tickets online has many advantages. The ability of the internet to expand markets means that tickets are being bought by more than just Londoners, ensuring a longer run and greater success for everybody involved.

31. "Even the most celebrated West End musicals suffer this desperate need to put bums in seats." What exactly is the desperate need?
- (A) Internet shopping.
 - (B) Reality shows.
 - (C) Ticket revenue.
 - (D) Fickle audience.
32. One complete paragraph with its designated theme was removed from the original article due to space limit. Judging from the reasonable flow of the article, which of the following do you think is the missing theme?
- (A) accessibility
 - (B) speed
 - (C) advanced planning
 - (D) avoiding the queues
33. "Even the jaunt from home, through traffic and crowds, adds time to the task, making the disappointment should the sold out sign suddenly appear all the more cruel." Which of the following should be the least difficult?
- (A) The jaunt from home.
 - (B) Traffic and crowds.
 - (C) Waiting for hours.
 - (D) The sold-out sign.

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34. Since accessibility is key, which of the following may not be a good idea?

- (A) Attempting to tap into the widest possible market.
- (B) Providing multiple ways for the audience to obtain tickets.
- (C) Sending frequent newsletters to the audience.
- (D) Asking the audience to purchase and pick up tickets in person.

35. What would be a good title for this article?

- (A) Bums on Seats and the London Theatre
- (B) Advantages to Buying London Theatre Tickets Online
- (C) Why should the Audience Buy Tickets to London Theatre?
- (D) Ticketing as a Positive Boon for the Online London Theatre

IV. Composition: 30%

It is a long-time debate whether or not the introduction of new technologies and new media adds to the quality of education. Choose your own position on this debate and then provide an argument of about 300 words for that position.

