

國立中興大學 113 學年度 學士後醫學系公費生招生考試

英文科試題

考試時間：80 分鐘

考試開始鈴響前，不得翻閱試題，且不得書寫、畫記、作答！
本考試不得使用計算機

考生請注意：

- 一、考生應確實關閉行動電話(或取出電池)及手錶之鬧鈴設定；除准考證及考試必需用品外，所有物品(含行動電話、穿戴式裝置等)均應立即放置於臨時置物區，不得發出聲響或有影響試場秩序之情形。
- 二、請確認抽屜中、桌椅下、座位旁均無其他非必要用品。如有任何問題請立即舉手反映。
- 三、坐定後，雙手離開桌面，請核對並確認准考證、座位標籤、及答案卡上之准考證號碼是否完全相同。如有錯誤，應立即舉手請監試人員處理。
- 四、考生應試時不得飲食、飲水、抽菸、嚼食口香糖。
- 五、答案卡劃記以 2B 鉛筆為佳，劃記時要粗黑、清晰，劃滿作答格，不可出格，不得折損答案卡，修正作答以軟性橡皮擦擦拭乾淨，且不得使用修正液(帶)修正，未遵照正確作答方式而致機器無法正確辨識答案者，考生自行負責，不得以任何理由補救。答案寫在試題紙上者不予計分。
- 六、本試題必須與答案卡一併繳回，不得攜出試場。

國立中興大學 113 學年度學士後醫學系招生考試試題

科目：英文科

系所：學士後醫學系甲、乙組

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本科目試題共 10 頁

選擇題(單選題，共 50 題，一題 2 分，答錯不倒扣)

This test comprises 50 items, each valued at two points, for a total of 100 points. Each test item allows for selection of only one correct option. All answers must be marked exclusively on the card provided.

I. Vocabulary: Read each question carefully and choose the option that best completes the sentence or fits the given context.

1. In sharp contrast to his elder sister's admirable sense of responsibility, John's demeanor proved to be notably deficient in _____.
(A) prudence
(B) docility
(C) avarice
(D) fecklessness
2. The ongoing _____ dispute among the brothers only escalated, festering into deeper resentment and animosity.
(A) acrimonious
(B) capricious
(C) ambivalent
(D) nostalgic
3. The ebullient atmosphere in the soccer team's dressing room swiftly transformed into one of _____ as their rivals netted two rapid goals.
(A) vengeance
(B) aesthetics
(C) despondency
(D) optimism
4. It was widely assumed that the coach's _____ played a pivotal role in the recent extraordinary success of his team. However, discerning insiders recognized that it was his extensive experience rather than any innate acumen that led to their winning streak.
(A) empathy
(B) acumen
(C) amiability
(D) pragmatism
5. The policies of the organization were convoluted, opaque, and _____ with legal jargon, presenting a significant challenge for new employees to comprehend them without proper orientation.
(A) germane
(B) malfeasance
(C) scrutinized
(D) replete

背面有題，請繼續作答。

6. While technology progresses swiftly, turning once-fantastical notions into everyday commodities, the _____ outcomes it brings must not be dismissed. For example, excessive use of technology and electronic gadgets can hinder a child's social skill development, leading to feelings of isolation.
- (A) efficacious
(B) pernicious
(C) propitious
(D) perfidious
7. Despite garnering a degree of _____, the religious leader often faced condemnation for delivering inflammatory speeches, inciting members of his religious faction to engage in conflict with adherents of other faiths and sects.
- (A) advocates
(B) adversaries
(C) rivals
(D) emulations
8. A(n) _____ is a biological molecule that speeds up chemical reactions in living organisms.
- (A) substrate
(B) enzyme
(C) inhibitors
(D) activation
9. Increasing a harvest's yield would be beneficial only when _____ additions in time, exertion, and other variable factors of production are not also required.
- (A) predestined
(B) analogous
(C) commensurate
(D) indeterminate
10. Contrary to the suggestions made by _____ philosophies of childrearing, there is no requirement that the day-to-day activities involved in raising a child be clear-cut, straightforward, and unchanging—that is, there is no requirement that life follow philosophy.
- (A) inexact
(B) aggressive
(C) random
(D) systematic

II. Grammar: Read each question carefully and choose the best option that fits the sentence appropriately.

11. The new employees would appreciate _____ strategies aimed at improving the airport user experience.
- (A) to discuss
(B) discuss
(C) discussed
(D) discussing
12. The team's success in the competition hinged _____ the captain's leadership skills and the players' dedication.
- (A) on
(B) to
(C) for
(D) with

13. _____ refugees are from Syria.
(A) The majority of
(B) Much
(C) Large
(D) The many
14. When Maria got home, she found that someone had broken into her apartment. She immediately called the police, feeling uneasy that she _____.
(A) forgot to lock the door
(B) forget to lock the door
(C) had forgotten to lock the door
(D) forgets to lock the door
15. Mr. Nigam was _____ considering retirement when his boss asked him to be the head of security at the new facility.
(A) on the brink of
(B) in the vicinity of
(C) in proximity to
(D) at the forefront of
16. The facilities of one of the hospitals in Bandung _____.
(A) is as good or better the hospitals in Yogyakarta
(B) are as good or better than that the hospitals in Yogyakarta
(C) are as good or better than the hospitals in Yogyakarta
(D) are as good or better than those of the hospitals in Yogyakarta
17. The newly-discovered artifacts Liang Bua Flores are given special terms _____.
(A) who indicate their location of discovery
(B) whose indication of discovery
(C) which locating the indication of discovery
(D) indicating of the location of their discovery
18. While my sister enjoys swimming, I _____ running.
(A) prefer to do
(B) to prefer doing
(C) preferring to do
(D) do preferring
19. This stadium can hold _____.
(A) much audience
(B) a large audience
(C) much audiences
(D) many audiences
20. Who _____ when John is likely to turn up?
(A) know
(B) do know
(C) is knowing
(D) knows

背面有題，請繼續作答。

III. Cloze: Consider the context of the passage and the information provided to help you determine the appropriate sentences for the blanks. Choose the best option that maintain the coherence of the passage appropriately.

Questions 21 to 23

In a world driven by data and technology, the importance of critical thinking cannot be overstated. As we navigate through a sea of information, it becomes increasingly crucial to sift through the noise and discern fact from fiction. _____21_____ By questioning assumptions, evaluating evidence, and considering alternative perspectives, we can make informed decisions and solve complex problems. _____22_____ In essence, critical thinking serves as a catalyst for creativity and innovation, driving progress and advancement across various aspects of society. In today's rapidly changing landscape, where challenges are multifaceted and solutions are not always straightforward, the ability to think critically is more valuable than ever. _____23_____ Ultimately, critical thinking empowers individuals to navigate the complexities of the world with clarity and confidence, enabling us to thrive in an increasingly complex and uncertain environment.

- (A) Critical thinking equips us with the tools to analyze situations, weigh options, and arrive at reasoned conclusions.
- (B) Critical thinking serves as our compass, guiding us in our quest for truth and understanding.
- (C) Moreover, critical thinking fosters creativity and innovation, as it encourages us to explore new ideas and challenge the status quo.
- (D) Critical thinking is an essential skill for students to develop, as it prepares them for success in both academic and professional settings.
- (E) Educators play a vital role in fostering critical thinking skills among students through interactive learning activities and open-ended discussions.

Questions 24 to 26

The sun dipped below the horizon, casting a warm glow across the landscape as evening descended upon the sleepy village. Shadows lengthened, stretching out like dark fingers across the cobblestone streets and quaint cottages that lined the winding roads. In the distance, the sound of a church bell echoed through the air, signaling the end of another day in this idyllic corner of the world. _____24_____ Lights flickered on in windows, illuminating cozy interiors where families gathered around tables laden with hearty meals. Laughter and conversation filled the air, mingling with the aroma of freshly baked bread and simmering pots of stew. _____25_____ Underneath a canopy of stars, couples strolled hand in hand along moonlit paths, their footsteps echoing softly against the cobblestones as they savored the quiet beauty of the night. In this moment, all worries and cares faded away, replaced by a sense of peace and contentment that seemed to permeate the very air itself. _____26_____

- (A) Meanwhile, in the town square, musicians gathered to serenade the evening crowd with lively tunes, their melodies drifting through the air and adding to the sense of magic that enveloped the village at nightfall.
- (B) For in this quaint village, time seemed to stand still, allowing its inhabitants to savor each precious moment as if it were frozen in time.
- (C) As dusk settled in, the village came alive with activity.
- (D) During the day, the village remained deserted, devoid of any signs of life.
- (E) In the morning, the village was enveloped in silence, with not a soul stirring.

Questions 27 to 30

Medicine, the intricate amalgamation of science, compassion, and innovation, stands as a beacon of hope in the quest for human well-being. It traverses through the corridors of history, from ancient civilizations' primitive remedies to the sophisticated treatments of the modern era. _____27_____ Healthcare professionals, including physicians, nurses, pharmacists, and allied health workers, dedicate their lives to the noble pursuit of healing and alleviating suffering. _____28_____ Vaccination campaigns, sanitation efforts, and health education programs have played pivotal roles in reducing the burden of infectious

diseases and improving overall health outcomes. Additionally, the recognition of mental health as an integral component of well-being has led to advancements in psychiatric care and psychological therapies.

29 The rise of antibiotic resistance, the threat of global pandemics, and the impacts of climate change on health further underscore the complexity of contemporary medical practice. Additionally, the aging population and the growing burden of non-communicable diseases pose significant challenges to healthcare systems worldwide. Despite these obstacles, healthcare professionals remain dedicated to advancing medical knowledge, improving patient outcomes, and advocating for policies that prioritize health equity. 30 As society grapples with unprecedented health challenges, the resilience and ingenuity of the medical community serve as a beacon of hope, driving progress and transformation in healthcare systems across the globe.

- (A) However, the field of medicine faces ongoing challenges in adapting to rapidly evolving technologies, integrating electronic health records, and addressing the ethical dilemmas posed by medical advancements.
- (B) The field of medicine encompasses a diverse array of specialties, from primary care to specialized areas such as cardiology, oncology, and neurology.
- (C) Through interdisciplinary collaboration, community engagement, and innovative approaches to care delivery, the field of medicine continues to evolve and adapt to meet the ever-changing needs of individuals and populations.
- (D) Beyond individual patient care, medicine extends its reach to public health initiatives aimed at promoting wellness and preventing disease on a population level.
- (E) Despite these advancements, the field of medicine also faces criticism for issues such as overprescribing medications, medical errors, and conflicts of interest within the healthcare industry.

IV. Reading Comprehension: Read the content and answer questions for each passage.

Questions 31 to 35

The ancient city of Petra, nestled amidst the rocky desert landscapes of modern-day Jordan, is a testament to the ingenuity and architectural prowess of its Nabatean builders. Carved directly into the rose-red cliffs, Petra flourished as a major trading hub from the 4th century BCE to the 2nd century CE. Its strategic location along the famous Silk Road facilitated the exchange of goods and ideas between the Mediterranean, Arabian, and Asian regions.

One of Petra's most iconic landmarks is the Treasury, known locally as Al-Khazneh. This magnificent structure, with its intricate façade adorned with columns, statues, and friezes, is believed to have served as a tomb for a Nabatean king. Legend has it that the Treasury also harbors hidden treasures, leading to numerous archaeological expeditions and treasure hunts over the centuries.

Beyond the Treasury, Petra boasts a wealth of archaeological wonders, including the Monastery, the Royal Tombs, and the Roman Theater. The Monastery, perched atop a mountain peak, is a marvel of Nabatean architecture, while the Royal Tombs showcase elaborate burial chambers carved into the cliffs. The Roman Theater, built during the Roman occupation of Petra, once hosted grand performances and gatherings, echoing with the voices of ancient civilizations.

Today, Petra stands as a UNESCO World Heritage Site and attracts visitors from around the globe who come to marvel at its beauty and immerse themselves in its rich history. However, the site faces numerous challenges, including erosion, vandalism, and the pressures of tourism. Efforts are underway to preserve and protect Petra for future generations to enjoy and appreciate.

Despite the challenges, ongoing archaeological excavations continue to uncover new insights into Petra's history and significance. Recent discoveries have shed light on the city's complex water management systems, demonstrating the advanced engineering skills of the Nabateans. Additionally, studies of the

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city's rock-cut architecture provide valuable clues about ancient building techniques and societal structures.

Furthermore, initiatives aimed at sustainable tourism are being implemented to mitigate the impact of visitor foot traffic on Petra's fragile infrastructure. This includes the development of designated walking paths, visitor education programs, and stricter regulations to preserve the integrity of the archaeological site. By balancing conservation efforts with responsible tourism practices, stakeholders aim to ensure that Petra remains a timeless marvel for generations to come.

31. What is the iconic landmark in Petra believed to have served as a tomb for a Nabatean king?
 - (A) The Monastery
 - (B) The Royal Tombs
 - (C) The Roman Theater
 - (D) The Treasury
 - (E) The Citadel
32. What was Petra known for during its prime?
 - (A) Being a military fortress
 - (B) Serving as a major trading center
 - (C) Being a religious pilgrimage site
 - (D) Serving as a royal residence
 - (E) All of the above
33. Which of the following statements regarding Petra is **FALSE**?
 - (A) Petra flourished as a major trading hub from the 4th century BCE to the 2nd century CE.
 - (B) The Treasury is speculated to have served as a tomb for a Nabatean king.
 - (C) The Monastery is a prime example of Roman architecture.
 - (D) The Royal Tombs showcase elaborate burial chambers carved into the cliffs.
 - (E) The Roman Theater was built during the Hellenistic period.
34. How do initiatives aimed at sustainable tourism impact Petra?
 - (A) They destroy the ancient landmarks.
 - (B) They preserve the integrity of the archaeological site.
 - (C) They damage the city's water management systems.
 - (D) They increase visitor foot traffic.
 - (E) They neglect conservation efforts.
35. What evidence suggests that the Nabateans possessed advanced architectural skills in Petra?
 - (A) The presence of hidden treasures within the Treasury
 - (B) The intricate façade of Treasury adorned with columns, statues, and friezes
 - (C) The strategic location of Petra along the Silk Road
 - (D) The erosion, vandalism, and tourism pressures faced by Petra
 - (E) The Monastery's location atop a mountain peak

Questions 36 to 40

In the unfathomable depths of the Antarctic wilderness lies an enigmatic ecosystem shrouded in mystery and resilience. The Antarctic continent, with its vast icy expanses and extreme climatic conditions, stands as one of the most inhospitable yet captivating regions on Earth. Spanning approximately 14 million square kilometers, it represents the coldest, driest, and windiest continent, harboring unique adaptations and life forms found nowhere else on the planet.

The Antarctic landscape is dominated by immense ice shelves, towering glaciers, and majestic mountain ranges, sculpted over millennia by the relentless forces of nature. Beneath the frozen surface, the Southern

Ocean teems with an astonishing diversity of marine life, from microscopic phytoplankton to colossal blue whales, forming the foundation of the Antarctic food web.

Despite its remote and hostile environment, the Antarctic ecosystem thrives with resilience and ingenuity. Adapted to extreme cold and darkness, Antarctic organisms have evolved remarkable survival strategies, from the antifreeze proteins of Antarctic fish to the cryptic camouflage of Weddell seals. Yet, this fragile ecosystem faces unprecedented challenges in the wake of climate change and human activities.

36. What are some characteristics of the Antarctic continent mentioned in the passage?

- (A) Its lush vegetation and temperate climate
- (B) Its frozen landscapes and severe weather conditions
- (C) Its volcanic activity and tropical rainforests
- (D) Its arid deserts and sand dunes
- (E) Its dense population and urban development

37. What is unique about the Antarctic ecosystem?

- (A) It is the warmest continent on Earth.
- (B) It harbors a high concentration of human settlements.
- (C) It lacks any form of marine life.
- (D) It contains adaptations and life forms found nowhere else on the planet.
- (E) It experiences frequent volcanic eruptions.

38. What dominates the Antarctic landscape?

- (A) Dense forests and lush vegetation
- (B) Gigantic ice shelves and towering glaciers
- (C) Expansive deserts and sand dunes
- (D) Tropical rainforests and meandering rivers
- (E) Sprawling urban centers and industrial complexes

39. How does the Southern Ocean contribute to the Antarctic ecosystem?

- (A) It is devoid of any marine life.
- (B) It serves as a breeding ground for Arctic species.
- (C) It harbors bedrock of the Antarctic food chain.
- (D) It experiences rapid desertification.
- (E) It is heavily polluted by industrial waste.

40. From the passage, what can be inferred about the Antarctic wilderness?

- (A) It lacks complexity in its ecosystem.
- (B) It is easily understood by scientists.
- (C) It is characterized by its resilience.
- (D) It is a well-explored region.
- (E) It experiences mild weather conditions.

Questions 41 to 45

Artificial Intelligence (AI) stands as the pinnacle of human ingenuity, representing the culmination of decades of research and innovation in the realm of computer science and cognitive psychology. AI systems, powered by advanced algorithms and neural networks, possess the remarkable ability to simulate human intelligence, learning, and problem-solving in ways previously thought unimaginable.

At the forefront of AI research is the development of deep learning algorithms, inspired by the structure and function of the human brain. These algorithms, fueled by massive datasets and computational power, enable machines to recognize patterns, process natural language, and make decisions with astonishing accuracy and efficiency. From image recognition and speech synthesis to autonomous vehicles and

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medical diagnosis, the applications of deep learning span a myriad of domains, revolutionizing industries and transforming the way we live and work.

One of the most exciting advancements in AI is the emergence of Generative Adversarial Networks (GANs), a groundbreaking framework for generating synthetic data with unprecedented realism. GANs consist of two neural networks—a generator and a discriminator—locked in a constant battle of wits, where the generator strives to produce indistinguishable data from real samples, while the discriminator aims to differentiate between real and fake data. This adversarial training process results in the creation of lifelike images, videos, and audio recordings that blur the line between reality and simulation.

In addition to GANs, AI researchers are exploring the potential of reinforcement learning, a technique inspired by behavioral psychology and operant conditioning. Reinforcement learning algorithms learn to make decisions by interacting with an environment, receiving feedback in the form of rewards or penalties based on their actions. Through trial and error, these algorithms improve their decision-making abilities over time, mastering complex tasks such as playing video games, optimizing logistics, and controlling robotic systems.

Despite the remarkable progress in AI, significant challenges remain on the horizon. Ethical considerations surrounding AI governance, transparency, and bias mitigation are hotly debated topics, raising concerns about the societal impact and ethical implications of AI-powered systems. Additionally, the pursuit of artificial general intelligence (AGI), a hypothetical form of AI that exhibits human-like intelligence across a wide range of tasks, poses profound philosophical and existential questions about the nature of consciousness and the future of humanity.

In the midst of these challenges, the potential of AI to reshape the fabric of society and accelerate human progress is undeniable. By harnessing the power of AI responsibly and ethically, we can unlock unprecedented opportunities for innovation, discovery, and societal advancement.

41. What is Artificial Intelligence (AI) and what does it represent?
- (A) A complex computer program; the culmination of human ingenuity in computer science and cognitive psychology.
 - (B) A simple system; the end of research and innovation in computer science and cognitive psychology.
 - (C) A sophisticated technology; the beginning of research and innovation in computer science and cognitive psychology.
 - (D) A basic tool; the end of human ingenuity in computer science and cognitive psychology.
 - (E) A primitive concept; the beginning of human ingenuity in computer science and cognitive psychology.
42. What are Generative Adversarial Networks (GANs) and how do they work?
- (A) A framework for generating synthetic data; by using two neural networks
 - (B) A network for generating real data; by using one neural network
 - (C) A system for analyzing data; by using multiple neural networks
 - (D) A tool for storing data; by using advanced algorithms
 - (E) A method for classifying data; by using statistical techniques
43. What is reinforcement learning and what tasks can it perform?
- (A) A technique inspired by cognitive psychology; it can play video games.
 - (B) A method for optimizing logistics; it can control robotic systems.
 - (C) A framework for making decisions; it can interact with an environment.
 - (D) A strategy inspired by psychology; it can master complex tasks.
 - (E) A concept from artificial intelligence; it can receive feedback.

44. According to the passage, what are some of the hurdles that AI encounters?
- (A) Moral considerations and bias alleviation
 - (B) Legal regulations and government oversight
 - (C) Technological limitations and computational constraints
 - (D) Economic disparities and workforce displacement
 - (E) Environmental sustainability and energy consumption
45. What is the potential of AI according to the passage?
- (A) To facilitate incremental advancements and maintain the status quo
 - (B) To spur human growth and unlock unprecedented opportunities for innovation
 - (C) To create new barriers to technological advancement and hinder societal development
 - (D) To enhance human capabilities and foster greater collaboration between humans and machines
 - (E) To lead to societal stagnation and impede future growth

Questions 46-50

In the realm of emergency medicine, resuscitation stands as a pivotal procedure, aiming to restore vital functions in individuals experiencing cardiac arrest or other life-threatening events. This intricate process involves a series of interventions, each carefully timed and tailored to the patient's condition. Central to resuscitation efforts is cardiopulmonary resuscitation (CPR), which consists of chest compressions to maintain blood flow to vital organs and artificial ventilation to ensure oxygenation. Immediate initiation of CPR, often accompanied by defibrillation to restore normal heart rhythm, is crucial in maximizing the chances of successful outcomes. However, resuscitation extends beyond the initial moments of crisis, encompassing ongoing monitoring, adjustment of treatment strategies, and coordination among multidisciplinary healthcare teams.

Advancements in medical technology have revolutionized resuscitative care, offering new tools and techniques to improve patient outcomes. Mechanical CPR devices, for instance, provide consistent and high-quality chest compressions, reducing the risk of fatigue and enhancing perfusion. Extracorporeal membrane oxygenation (ECMO) serves as a temporary life support system, oxygenating blood and removing carbon dioxide when conventional methods fail. Moreover, innovative approaches such as targeted temperature management aim to mitigate neurological damage following cardiac arrest, enhancing long-term neurological recovery.

Despite these advancements, resuscitation remains a complex and dynamic field, shaped by ongoing research, clinical experience, and ethical considerations. Questions surrounding end-of-life care, quality of life outcomes, and decision-making in the face of uncertainty underscore the need for a holistic approach to resuscitative care. Collaborative efforts among healthcare providers, policymakers, and the public are essential in ensuring that resuscitation practices align with patient preferences, cultural beliefs, and societal values. By continually striving to improve resuscitative care, we uphold the principles of beneficence, autonomy, and compassion, guiding our actions in the pursuit of saving lives and preserving human dignity.

46. What is the primary goal of resuscitation in emergency medicine?
- (A) To administer medications to stabilize the patient
 - (B) To perform surgical interventions to address underlying issues
 - (C) To restore vital functions in individuals experiencing cardiac arrest
 - (D) To provide psychological support to patients and their families
 - (E) To coordinate with multidisciplinary teams for long-term care

47. Which intervention is central to resuscitation efforts?
- (A) Airway management
 - (B) Fluid resuscitation
 - (C) Oxygen therapy
 - (D) Cardiac compression
 - (E) Medication administration
48. What is one advantage of mechanical CPR devices mentioned in the passage?
- (A) They enhance the effectiveness of drug delivery compared to manual CPR.
 - (B) They optimize the timing of defibrillation during resuscitation efforts.
 - (C) They mitigate exhaustion and guarantee uniform chest compressions.
 - (D) They offer a user-friendly interface suitable for untrained individuals.
 - (E) They provide a cost-effective alternative to conventional CPR methods.
49. What is the purpose of targeted temperature management in resuscitation?
- (A) To regulate blood flow during cardiac arrest
 - (B) To prevent post-resuscitation complications
 - (C) To address neurological issues after cardiac arrest
 - (D) To maintain cardiac stability during resuscitation
 - (E) To improve respiratory function during CPR
50. According to the passage, what underscores the need for a holistic approach to resuscitative care?
- (A) Concerns regarding terminal care and moral deliberations
 - (B) The integration of cutting-edge medical advancements
 - (C) The frequency of cardiac arrest occurrences in the general population
 - (D) The requirement for elaborate surgical procedures in resuscitation
 - (E) Patient inclination towards unconventional medical treatments

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國立中興大學 113 學年度醫學院學士後醫學系招生考試

選擇題參考答案

科目：英文

題號	答案	題號	答案	題號	答案	題號	答案	題號	答案	題號	答案	題號	答案
1.	D	16.	D	31.	D	46.	C	61.		76.		91.	
2.	A	17.	D	32.	B	47.	D	62.		77.		92.	
3.	C	18.	A	33.	C	48.	C	63.		78.		93.	
4.	B	19.	B	34.	B	49.	C	64.		79.		94.	
5.	D	20.	D	35.	B	50.	A	65.		80.		95.	
6.	B	21.	B	36.	B	51.		66.		81.		96.	
7.	A	22.	C	37.	D	52.		67.		82.		97.	
8.	B	23.	A	38.	B	53.		68.		83.		98.	
9.	C	24.	C	39.	C	54.		69.		84.		99.	
10.	D	25.	A	40.	C	55.		70.		85.		100.	
11.	D	26.	B	41.	A	56.		71.		86.			
12.	A	27.	B	42.	A	57.		72.		87.			
13.	A	28.	D	43.	D	58.		73.		88.			
14.	C	29.	A	44.	A	59.		74.		89.			
15.	A	30.	C	45.	B	60.		75.		90.			

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國立中興大學 113 學年度學士後醫學系招生考試

試題參考答案疑義釋疑公告

科目	題號	疑義答覆	釋疑結果
英文	1	這句話設定了約翰的舉止與他姐姐令人欽佩的責任感之間的對比。"Fecklessness" 指的是缺乏責任感或主動性，這與約翰姐姐的責任感形成了直接的對比。	維持原答案(D)
	13	此句需要特定的短語以描述 refugees 的族群。The many refugees 未包含此類型之描述。	維持原答案(A)
	16	"as good or better than"將兩種比較融合在一起，此句型結構符合語法。	維持原答案(D)
	17	indicating 作為一個現在分詞，修飾 terms，傳達發現地點的動作。"Of the location of their discovery"是介詞短語。	維持原答案(D)
	19	在一般的語境下，audience 被視為一個集體名詞，指的是一群人，而不是多個單獨個體。因此，以集合名詞解讀更符合句子意思。	維持原答案(B)
	29	在空格之前的句子突顯了意識到精神健康對於幸福至關重要，並導致了精神醫學護理和心理治療的進步。選項 (A) 提供了一個自然的過渡，承認了儘管有這些進步，醫學領域仍然面臨著持續的挑戰。而選項 (E) 並不適合填入空格，因為它引入了一個與前文討論無直接關係的不同主題。	維持原答案(A)
	33	根據題幹，要選擇錯誤的選項，選項 C 和選項 E 皆為錯誤的描述。	答案更改為(C)或(E)

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英文

馬芸(馬希寧)老師提供

I. Vocabulary:

此大題難度與去年(112)稍微提高一些，即使對熟讀歷屆考古單字的同學來說，仍有不少過去未出現過的新字，在整份試題中應該是最讓學生頭疼的一大題。題幹長增加理解負擔，更不利於作答。

II. Grammar:

此大題所考的重點相當基礎，凡扎實讀文法教材的考生都可輕鬆應對。唯第12題與第15題考片語，而多數考生未熟讀片語，難免要碰運氣猜答案。尤其第15題選項中有不少中文翻譯聽起來接近的片語，會讓學生不知如何選擇。

III. Cloze:

本大題事實上是考篇章結構。篇章結構旨在訓練學生學習掌握文意脈絡以提升閱讀理解的能力。三篇短文中的單字程度較第一大題降低許多，適合大部分考生閱讀理解，但第二篇文章文學性較高，不是大部分學生平時會接觸到的文章類型，其中有許多文學的比喻、引申寫作方式，提高了理解的門檻。

IV. Reading Comprehension:

第一篇閱測是跟歷史或考古相關的內容，或許考生不常閱讀此類文章會稍微擔心，但事實上文後所問的問題都非常容易在文章中找到，因此理解文章到一定程度後就不難得分。

第二篇閱測主旨是南極洲的生態，文章短(不足200字)、生字少應該是最容易掌握的。同時，文後的問題有一些是常識(如：第36題、第38題)，且有些選項只要依靠常識即可判斷為錯而將其排除(如：南極是最溫暖的大陸、有高密度的人口定居、南極快速沙漠化...等)。

第三篇閱測篇幅最長，談人工智慧，此類主題是近年來後醫英文試卷裡的常客，考生應該多少都有所涉獵。文章雖長但理解難度不算高，文後的問題都很容易在文中直接找到相對應的句子而確定答案得分。

第四篇閱測與急診醫學(emergency medicine)相關，如果考生熟知醫學相關單字，則生字就會感覺少很多而提升理解程度。文後的問題延續前三篇的風格，很容易在文章裡找到相應的句子而確定答案得分。

國立中興大學113學年度學士後醫學系招生考試試題

英文試題

選擇題(單選題,共50題,一題2分,答錯不倒扣)

I. Vocabulary:

1. 和他姊姊令人讚嘆的責任感成強烈對比，約翰的舉動證明是明顯地**不負責任**。
(A) 謹慎 (B) 順從 (C) 貪婪 (D) 無能，不負責
2. 兄弟之間正進行的**激烈的**爭論越演越烈，造成更深的怨恨和敵意。
(A) 激烈的 (B) 多變的 (C) 矛盾的 (D) 思鄉的
3. 當他們的對手踢進兩球時，在足球隊更衣室裡興高采烈的氣氛迅速地轉變成**沮喪**。
(A) 報仇 (B) 美學 (C) 沮喪 (D) 樂觀
4. 在最近這支隊伍異常的成功中，教練的**敏銳**被認為扮演了重要的角色。不過，有鑑別力的內部人士認出：是他的豐富的經驗而非任何天生的敏銳讓他們接連獲勝。
(A) 同理心 (B) 敏銳 (C) 和藹可親 (D) 實用主義
5. 這個組織的政策是迂迴的、不透明的且充滿法律行話，對公司環境沒有正確了解的新進員工要理解它們是重大的挑戰。
(A) 有密切關係的 (B) 違法行為 (C) 詳細檢查 (D) 充滿的(with)
6. 儘管技術迅速進步，將曾經新奇的觀念轉變為日常用品，它所帶來的**有害**結果不可被抹煞。比如，過度使用技術和電子器材會妨礙孩子的社交技巧發展，導致疏離感。
(A) 靈驗的 (B) 有害的 (C) 有利的 (D) 背信的
7. 雖然獲得一定程度的**支持者**，這位宗教領袖因為發表煽動的演說、煽動其教派的成員參與和其他信仰與教派的追隨者間的衝突而常受責難。
(A) 支持者 (B) 對手，敵人 (C) 對手 (D) 仿效，競爭
8. **酵素**是一種在活的有機體中加速化學反應的生物分子。
(A) 基質 (B) 酵素 (C) 抗化劑 (D) 活化
9. 只有當不要求生產時間、努力和其他變化因素的也**等量**增加時，增加收成產量才是有益的。
(A) 註定的 (B) 類似的 (C) 等量的 (D) 不確定的
10. 和**系統性**的撫養小孩的原則所給的建議相反，沒有要求與撫養小孩有關的每日活動要清楚、直接和不變——也就是說，沒有要求生活要遵守原則。
(A) 不精確的 (B) 侵略的 (C) 隨機的 (D) 有系統的

II. Grammar:

11. 本題重點：動狀語。appreciate須以動名詞為受詞。故正解為(D)。
12. 本題重點：題幹語意、片語介係詞搭配。hinge on...「取決於...」。
13. 本題重點：refugees「難民」已是複數名詞，故(A)正解。the majority of Ns「大多數...」。
14. 本題重點：時態判定。按題幹語意，下面畫線部分的動作發生得較早，應採完成式。「當Maria到家時，發現有人闖入她的公寓，她立刻報警，對她忘記鎖門感到不安。」
15. 本題重點：片語用法、題幹語意。選項中有許多中文翻譯接近的片語：

「當老闆要求他當新工廠的保全主管時，Mr. Nigam 正要考慮退休。」

- (A) 在...的邊緣上，將... (B) 在...的附近(空間)
(C) 接近...(空間) (D) 在...最前面

16. 本題重點：基本句構與指示代名詞。題幹中 facilities 才是真正主詞，故動詞應搭配 are。指示代名詞 that 代替單數名詞，those 代替複數名詞，本題應選 those 代替 the facilities。

The facilities of one of the hospitals in Bandung are as good or better than the facilities of the hospital in Yogyakarta.

17. 本題重點：形容詞子句與形容詞片語。題幹原應為：

The newly-discovered artifacts Liang Bua Flores are given special terms which indicate of the location of their discovery. 畫線部分為形容詞子句，可簡化為形容詞片語(D)。

18. 本題重點：動詞 prefer 用法。當動詞 prefer 為不及誤用法時，與不定詞 to 搭配，故(A)為正解。I prefer to do running. 若 prefer 做及物動詞時，則須接動名詞做受詞：

I prefer running.

19. 本題重點：audience 用法。audience 屬於集合名詞，可指「觀眾、聽眾」這個群體時，為不可數名詞，修飾語應用 much，故(A)為正解。audience 若指「一群觀眾」或群體中的「組成份子」時，做可數名詞使用。

20. 本題重點：Wh-問句與動詞 know 用法。主格疑問代名詞 who 無論指誰都以單數看待，且 know 沒有進行式時態，故(D)為正解。

III. Cloze:

Questions 21 to 23

單字片語

1 critical thinking	批判思考	2 overstate	過分強調
3 navigate	航行	4 discern	辨別
5 serve as	發揮...	6 compass	羅盤，指南針
7 quest	追尋	8 informed	了解狀況的
9 foster	培養	10 the status quo	現狀，現況
11 in essence	在本質上	12 catalyst	催化劑
13 multifaceted	多方面的	14 reasoned	有道理的
15 empower	賦予...力量	16 open-ended	開放式的

Questions 24 to 26

單字片語

1 dip	浸沒	2 descend	下降，降臨
3 cobblestone	鵝卵石	4 quaint	古色古香的
5 winding	蜿蜒的	6 in the distance	在遠處
7 signal	發信號，表示	8 idyllic	田園的
9 dusk	黃昏，幽暗	10 settle in	安頓好
11 flicker	閃爍，搖曳	12 illuminate	照亮

13 cozy	舒適的	14 laden	裝滿的
15 hearty	豐盛的	16 mingle	混合
17 aroma	香氛，氣味	18 simmer	燉煮
19 stew	燉肉，燉物	20 serenade	奏小夜曲
21 lively	愉快的	22 envelope	包，裹，圍繞
23 canopy	篷，罩	24 savor	欣賞，品嚐
25 fade away	消失	26 contentment	滿足
27 permeate	滲透	28 devoid of...	缺乏...
29 stir	攪拌，騷動		

Questions 27 to 30

單字片語

1 intricate	精細複雜的	2 amalgamation	合併，混合
3 beacon	燈塔	4 traverse	橫渡，越過
5 corridor	通道，走廊	6 encompass	包含
7 an array of...	許多，一系列...	8 cardiology	心臟病學
9 oncology	腫瘤學	10 neurology	神經學
11 allied	結盟的，關連的	12 initiative	進取心，積極作為
13 wellness	健康	14 pivotal	中樞的，重要的
15 integral	不可缺的	16 psychiatric	精神病學的
17 ongoing	正進行的	18 integrate	整合
19 dilemma	困境	20 underscore	強調
21 communicable	會傳染的	22 prioritize	使...優先
23 interdisciplinary	跨學科的	24 grapple with...	努力解決
25 unprecedented	前所未有的	26 resilience	強韌
27 ingenuity	足智多謀	28 overprescribe	過量開藥
29 conflicts of interest	利益衝突		

IV. Reading Comprehension: Read the content and answer questions for each passage.**Questions 31 to 35**

單字片語

1 nestle	安臥，依偎	2 amidst	在...中
3 testament	證據	4 ingenuity	足智多謀
5 prowess	英勇，無畏	6 cliff	懸崖
7 flourish	蓬勃發展	8 hub	樞紐，中心
9 facilitate	使...便利	10 façade	正面，表面，外觀
11 adorn	裝飾	12 frieze	帶狀裝飾
13 Legend has it...	傳說...	14 harbor	藏匿

15 expedition	遠征，探險	16 boast	以...而自豪
17 a wealth of	許多	18 perch	棲息
19 atop	在...上	20 marvel	驚奇
21 showcase	展示	22 chamber	密室
23 vandalism	破壞行為	24 underway	在進行中
25 excavation	挖掘	26 shed light on...	照明，使...清楚
27 societal	社會的	28 aimed at...	瞄準...
29 mitigate	緩和，減輕	30 foot traffic	人流量
31 infrastructure	基礎設施	32 designated	指定的
33 integrity	完整	34 stakeholder	利害關係者

31. 在佩特拉，為納巴提國王的墳墓的具代表性的地標是什麼？(請見第二段首句)
 (A) 修道院 (B) 皇家墓群 (C) 羅馬劇院 (D) 金庫 (E) 堡壘
32. 在其初期，佩特拉以什麼聞名？(請見第一段第二句)
 (A) 是一個軍事要塞 (B) 做為一個重要的貿易中心 (C) 是個宗教朝聖地點
 (D) 做為一個皇家住所 (E) 以上皆是
33. 關於佩特拉，以下何者為非？
 (A) 從西元前四世紀至西元後二世紀，佩特拉做為重要的貿易中心而蓬勃發展
 (是，請見第一段第二句)
 (B) 金庫被猜測是一位納巴提國王的墳墓 (是，請見第二段首句)
 (C) 修道院是羅馬建築的主要範例 (錯！請見第三段第二句前半)
 (D) 皇家墓群展示被刻進懸崖的精緻墓室 (是，請見第三段第二句後半)
 (E) 羅馬劇院是在希臘化時期所建造 (本文沒有明確說明，但已知C為正解)
 (註：the Hellenistic period是指西元前四世紀至西元後一世紀間，與本文中佩特拉發展的年代相當。)
34. 以永續觀光業為目標的積極作為如何影響佩特拉？(請見最末段全段)
 (A) 它們破壞這個古老的地標 (B) 它們保存了這個考古地址的完整性
 (C) 它們毀損了這個城市的水管理系統 (D) 它們增加觀光客人流量
 (E) 它們忽略了保育的努力
35. 什麼證據證明在佩特拉納巴提人擁有新進的建築技術？
 (在以下的選項中，唯B與建築技術有關)
 (A) 在金庫內藏匿的寶藏的存在
 (B) 裝飾著柱子、雕像和帶狀裝飾的金庫的精緻複雜的外觀
 (C) 佩特拉在絲路沿線上的戰略位置
 (D) 佩特拉所面對的侵蝕、破壞行為與觀光業的壓力
 (E) 修道院位於山頂的位置

Questions 36 to 40

單字片語

1 unfathomable	深不可測的	2 enigmatic	如謎的
3 shroud	裹，覆蓋	4 resilience	強韌，彈性
5 inhospitable	不友善的	6 captivating	令人神魂顛倒的
7 span	跨越	8 towering	高聳的
9 majestic	雄偉的	10 sculpt	雕刻
11 relentless	無情的	12 teem	倒出，注入
13 phytoplankton	浮游生物	14 colossal	巨大的
15 antifreeze	抗凍	16 cryptic	隱秘的
17 camouflage	偽裝，保護色	18 in the wake of...	繼...之後

36. 本文中所提的南極大陸的特色是什麼？
- (A) 它蒼翠的植物和溫和的氣候 (B) 它結凍的地貌和嚴峻的氣候條件
(C) 它的火山活動和熱帶雨林 (D) 它乾旱的沙漠和沙丘
(E) 它的密集人口和都市發展
37. 關於南極生態系統，什麼很獨特？(請見第一段末句)
- (A) 它是地球上最溫暖的大陸 (B) 它有高密度的人類定居
(C) 它缺乏任何形式的海洋生物 (D) 它包含適應和地球上其他地方都找不到的生命形式
(E) 它經歷經常的火山爆發
38. 什麼是南極的地貌的主體？(請見第二段首句)
- (A) 濃密的森林和蒼翠的植物 (B) 巨大的冰層和高聳的冰河
(C) 廣大的沙漠和沙丘 (D) 熱帶雨林和曲折的河流
(E) 蔓生的都市中心和工業設施
39. 南海(Southern Ocean)如何對南極生態系統有何貢獻？(請見第二段第二句)
- (A) 它缺乏任何海洋生物 (B) 它成為寒帶物種繁殖地
(C) 它是南極食物鏈的基礎 (D) 它經歷快速的沙漠化
(E) 它被工業廢棄物嚴重汙染
40. 從本文中，關於南極荒野能推論出什麼？
- (A) 它的生態系統中缺乏複雜性 (錯！請見第二段第二句)
(B) 它很容易為科學家所理解 (無法從本文中推論)
(C) 它以強韌為其特色 (請見第三段首句)
(D) 它是個被深入探索的地區 (無法從本文中推論)
(E) 它經歷溫和的天氣條件 (錯！請見第一段第二句)

Questions 41 to 45

單字片語

1 pinnacle	頂點	2 culmination	高潮，頂點
3 realm	領域，範圍	4 algorithm	演算法
5 neural network	神經網絡	6 simulate	模擬

7 forefront	最前面	8 dataset	資料組
9 synthesis	合成	10 a myriad of...	大量的...
11 Generative Adversarial Networks		生成式對抗網絡	
12 groundbreaking	開創性的	13 synthetic	綜合的
14 discriminator	鑑別器	15 wit	機智
16 adversarial	對抗的	17 lifelike	栩栩如生的
18 blur	使...模糊	19 reinforcement	加強練習
20 operant	有效的	21 trial and error	嘗試和錯誤
22 optimize	使...最佳化	23 logistics	運算
24 on the horizon	以露端倪的	25 existential	存在的
26 midst	中央	27 harness	駕馭，控制

41. 人工智慧是什麼？它代表什麼？(請見第一段首句)
- (A) 一個複雜的電腦程式，人類足智多謀在電腦科學和認知心理學的高潮。
 (B) 一個簡單的系統，在電腦科學和認知心理學研究創新的結束。
 (C) 一個複雜的技術，在電腦科學和認知心理學研究創新的開始。
 (D) 一個基本的工具，人類足智多謀在電腦科學和認知心理學的結束。
 (E) 一個原始的觀念，人類足智多謀在電腦科學和認知心理學的開始。
42. 什麼是「生成式對抗網絡」？它們如何工作？(請見第三段首句)
- (A) 一個產生綜合數據的架構，藉利用兩個神經網絡。
 (B) 一個產生真實數據的網絡，藉利用一個神經網絡。
 (C) 一個分析數據的系統，解使用多重神經網絡。
 (D) 一個儲存數句的工具，藉使用先進的演算法。
 (E) 一個分類數據的方法，藉使用統計學的技術。
43. 什麼是加強練習學習？它能執行什麼工作？(請見第四段)
- (A) 一個受認知心理學啟發的技術，它能打電動。
 (B) 一個使運算最佳化的方法，它能控制機械系統。
 (C) 一個做決定的架構，它能和環境互動。
 (D) 一個被心理學啟發的策略，它能精通複雜的工作。
 (E) 一個來自人工智慧的觀念，它能收反饋。
44. 根據本文，哪些是AI遭遇的障礙？(請見第五段第二句)
- (A) 道德考量和偏誤緩減 (B) 法律條文和政府監管
 (C) 技術侷限和運算限制 (D) 經濟差異和勞力替代
 (E) 環境永續性和能源消耗
45. 根據本文，什麼是AI的潛力？(請見最末段)
- (A) 促進漸進式進步和維持現狀 (B) 刺激人類成長和開啟前所未有的創新機會
 (C) 產生科技進步的新障礙和妨礙社會發展
 (D) 提升人類能力和培養人類和機器間更大的合作
 (E) 導致社會停滯和妨礙未來成長

Questions 46-50

單字片語

1 resuscitation	復甦，恢復	2 pivotal	中樞的，關鍵的
3 cardiac arrest	心搏停止	4 tailored	被量身打造的
5 cardiopulmonary	心肺的	6 compression	壓擠
7 ventilation	通風	8 oxygenation	以氧氣處理
9 defibrillation	去心臟纖顫	10 perfusion	灌注
11 extracorporeal membrane oxygenation	體外膜氧合，體外維生系統(葉克膜)		
12 dynamic	動態的	13 underscore	強調
14 holistic	功能完整的	15 align with...	與...一致
16 uphold	高舉		

46. 在急救醫學上，什麼是甦醒的主要目標？(請見第一段第一句)
- (A) 實施藥物治療以穩定病患 (B) 執行外科手術介入以處理潛在問題
(C) 恢復經歷心搏停止的人的重要功能 (D) 提供心理支持給病患及其家屬
 (E) 為長期照護協調多學科團隊
47. 哪一個介入手段是復甦努力的中心？(請見第一段第三句)
- (A) 氣管管理 (B) 液體復甦 (C) 氧氣治療 **(D) 心臟壓擠** (E) 藥物管理
48. 文中所提的機械心肺復甦器材的一個優點是什麼？(請見第二段第二句)
- (A) 和人工心肺復甦相較，它們提升投藥的有效性。
 (B) 在復甦期間，它們使去心臟纖顫的時機最佳化。
(C) 它們減少疲倦和保證一致的胸腔壓擠。
 (D) 它們提供一個對使用者友善的介面給未受過訓練的人。
 (E) 它們為傳統的心肺復甦方法提供一個划算的選擇
49. 在復甦時的目標溫度管理的目的是什麼？(請見第二段最末句)
- (A) 在心搏停止期間使血流規律 (B) 防止復甦後併發症
(C) 解決心搏停止後的神經問題 (D) 在復甦期間維持心臟穩定
 (E) 在心肺復甦期間改善呼吸功能
50. 根據本文，對復甦照護，什麼強調需要功能完整方式？(請見第三段第二句)
- (A) 關於臨終照護和道德考慮的擔憂** (B) 尖端醫學進步的整合
 (C) 在一般人身上心搏停止發生的頻率 (D) 在復甦時對精密外科手術程序的要求
 (E) 病患對另類醫療的傾向