PERFECTION

Directions (1-6): Given below a short passage has been given. Read the following passage carefully and answer the questions.	

Throughout story, it has I in civilisations othingness, and in those that it. But that's not eason it's so

In striking similarity to the perception of absence, zero's representation as a number in the brain also remains unclear. If my brain has specialised mechanisms that have evolved to count the owls perched on a branch, how does this system abstract away from what's visible, and signal that there are no owls to count? The mystery shared between the perception of absences and the conception of zero may not be coincidental. When your brain recognises zero, it may be recruiting fundamental sensory mechanisms that govern when you can – and cannot – see something. If this is the case, theories of consciousness that emphasise the experience of absence may find a new use for zero, as a tool with which to explore the nature of consciousness itself. Zero began its life as an imprint on wet clay. Around 5,000 years ago in	Mesopotamia, the Sumerian people devised a revolutionary method for number-writing. Instead of inventing new symbols for ever-increasing numbers, they designed a system whereby the position of a symbol inside a number corresponded to that symbol's value.
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Greek civilisations left limited records corresponding to zero's use, and they maintained use of a non-positional numerical system, much like Roman numerals. In fact, the Greek aristocracy – those who studied mathematical frameworks – actively shunned the use of zero. Greece was a land of geometry, and its scholars sought to describe the world using lines, points and angles. The concept of 'nothing' had no obvious home. Their love of logic was equally obstructive: how could nothing be something? Aristotle concluded that nothingness itself did not – could not – exist.	

Throughout human history, it has floundered in civilisations fearful of nothingness, and flourished	(a) Only I
	(b) Both II and III
in those that embraced it. But that's not the only reason it's so(A)	(c) Only III
	(d) Both I and III
Question 1:	(e) All I, II and III
Which of the following can be appropriately fit in the blank A?	
I. mortifying	
II. beguiling	
III. enchanting	

Question 2:	(a)	Both II and III
Which of the following is/ are the True	(b)	Only I
statement (s) as per the given passage?	(c)	Both I and II
	(d)	Only II
I. The Sumerians used a special number instead of a symbol to represent zero.	(e)	All I, II and III
II. The concept of zero has been both rejected and embraced throughout history.		
III. The invention of zero had no impact on mathematical calculations.		

Question 3:	(d) The variability in
Which of the following best describes the primary challenge in studying the neural basis of perceiving	individual experiences of perceiving absence.
"nothing" or absence, as discussed in the passage?	(e) None of the above
(a) The lack of advanced neuroimaging technology to capture brain activity during perception.	
(b) The difficulty in isolating the concept of "nothing" from other cognitive processes.	
(c) The inherent paradox of studying a phenomenon that lacks a physical correlate.	

Question 4:	(a) only I
What is/ are can be conveyed from the given passage?	(b) both I and III
	(c) only III
I. The perception of zero is linked to the brain's ability to perceive absence.	(d) both I and II
II. The author's difficulty in seeing camouflaged birds stems from a neurological deficit.	(e) None of the above
III. Positional number systems are exclusive to the Sumerians.	

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Question 5:	(a) Only II
What is the tone of the given passage?	(b) Both I and III
	(c) Both II and III
I. acerbic	(d) Both I and II
II. contemplative	(e) All I, II and III
III. intriguing	

Question 6:	(a) dissipated, nuanced
In the following question, a bolded word is provided, followed by four options, each presenting a pair of words. Select the option that includes a synonym and antonym of the highlighted word, respectively. Mark "E" if none of the options corresponds to the	(b) clouded, touted(c) obscured, impaired(d) muddled, elucidated(e) None of the above
If this seems confusing, it's probably because the idea is so familiar it becomes obfuscated by explanation.	

Direction (7-8): Two people are talking about a certain topic. We need to read the conversation and answer the following question based on it.	

Question 7:	(a) indifferent; reap what you sow
L: They offered me the senior role, but it's double the workload without a commensurate pay raise. How is this equitable? P: While the remuneration isn't ideal, consider it a stepping stone. You'll garner invaluable experience that's pivotal for future ascension. L: That's a specious argument. Exploitation under the guise of opportunity is still exploitation. P: I empathize, but sometimes enduring short-term inequity can catalyze long-term prosperity. Don't let transient grievances eclipse the horizon. The tone of L is and Which idiom/phrase is most suitable for P?	(b) ecstatic; bite the bullet(c) apologetic; the last straw(d) disgruntled; a means to an end(e) sanguine; look a gift horse in the mouth

Question 8:	(a) placid; let sleeping dogs lie
S: The board rescinded our funding without	(b) euphoric; the ball is in your court
consultation! How can we sustain operations sans	(c) despondent; when life gives you
capital? This is sheer folly. T: A vexing predicament, indeed. Yet, austerity might	lemons, make lemonade
galvanize ingenuity. Remember how we orchestrated	(d) sardonic; strike while the iron is
the crowdfunding campaign last quarter?	hot
S: That was serendipity, not strategy. We can't bank on miracles repeatedly.	(e) belligerent; a dime a dozen
T: Perhaps, but adversity often unshackles latent	
potential. Let's marshal our resources and chart a	
new course.	
The tone of S is and Which	
idiom/phrase is most suitable for T?	

Directions (9-11): Two paragraphs are given based on a certain topic. We need to read the paragraphs first and identify the common theme between them.	

Question 9:	(a) The deleterious consequences of
Paragraph 1:	technological stagnation in a competitive
Technological proliferation has irrevocably transformed interpersonal communication, enabling instantaneous global connectivity. While digital platforms foster collaboration and cultural exchange, overreliance on virtual interactions risks eroding nuanced face-to-face discourse. Paragraph 2: Remote work paradigms, accelerated by advancements in teleconferencing tools, underscore the necessity of adaptability in modern professional ecosystems. However, the absence of physical camaraderie may engender isolation, necessitating deliberate efforts to	technological stagnation in a competitive economy. (b) Digital innovation supersedes traditional methodologies, rendering them obsolete. (c) The dichotomy between technological efficiency and the preservation of human relational depth. (d) Fiscal austerity measures are paramount to mitigate corporate insolvency. (e) None of the above
sustain interpersonal rapport.	

Question 10: Paragraph 1: Epistemological curiosity, the relentless pursuit of knowledge, catalyzes intellectual evolution and societal progress. Lifelong learning transcends formal education, fostering cognitive agility and mitigating obsolescence in rapidly evolving industries. Paragraph 2: Innovative pedagogical frameworks, such as experiential learning, prioritize critical analysis over rote memorization. These paradigms cultivate adaptability, equipping individuals to navigate multifaceted challenges in dynamic environments.	 (a) The hegemony of traditional education systems stifles creative potential. (b) Intellectual complacency perpetuates human curiosity. (c) Technocratic dominance undermines humanitarian values in academia. (d) Synergizing curiosity and adaptive learning methodologies to fortify cognitive resilience. (e) None of the above
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