

14. An American football player suspected of having a \_\_\_\_\_, or clinically determined to have one, is instructed to avoid physical and mental activity. The player sees one of the league-appointed neurologists, usually two days after the game.
- ① concussion                      ② laryngitis  
③ pneumonia                      ④ tuberculosis
15. After an adolescence immersed in his father's creed of utilitarianism, Mill realized, to his father's great \_\_\_\_\_, that its promise of happiness was chimerical.
- ① euphoria                      ② frowziness  
③ chagrin                      ④ temerity
16. At the end of the service, the general's wife gave an impromptu \_\_\_\_\_, which truly venerated his memory and profoundly moved many attendees.
- ① valediction                      ② convocation  
③ homage                      ④ epiphany
17. In frog anatomy, the major muscles of the shoulder extend from the \_\_\_\_\_ area, across the shoulder joint, and into the arms.
- ① faunal                      ② endocrine  
③ osmotic                      ④ dorsal
18. According to the reigning hypothesis, about 4.5 billion years ago, shortly after Earth had \_\_\_\_\_ into a sphere from its little slub of circumsolar material, another newborn planet, still shaky on its feet, slammed obliquely into Earth with terrifying force.
- ① flustered                      ② abridged  
③ bungled                      ④ accreted

**[19-23] 다음 빈 칸에 가장 적합한 단어 또는 어구를 고르시오.**  
(각 2.5점)

19. The Abe conundrum is how he manages to retain a high degree of popularity despite strong public opposition to his signature policies on state secrecy, arms exports, patriotic education, collective self-defense and nuclear reactor restarts — especially now that \_\_\_\_\_.
- ① he rides high on support during his first stint as a premier  
② "Abenomics" seems to be fizzling out  
③ Abe is lauded as the resolute leader Japan needs to revive its flagging fortunes  
④ it seems likely that Abe will be re-elected when he decides to call elections
20. Our relatives share more than just a physical DNA. We also share a spiritual DNA with the deceased, the thousands and thousands of moments when our father's soul expressed itself in our presence, \_\_\_\_\_.
- ① a wearied, languorous feeling creeping over us  
② scatterbrained to every minute detail  
③ redolent of his love before us  
④ showing sullen and truculent response to his soul

21. Shakespeare's play has been adapted in a movie. Critics of the film have emphasized the \_\_\_\_\_, bravado, and nationalistic undertones of this version. The battle scenes in the film are understated and tame, with little of the carnage that would be expected of a medieval \_\_\_\_\_. They are shot in beautiful weather, and the actors are clad in radiant colors. The scene with Henry's harsh justice is omitted.
- ① artistry — triptych  
② bravery — chasm  
③ senescence — undulation  
④ pageantry — melee
22. Since "group performance in problem solving is superior to even the individual work of the most expert group members," it should not be surprising that students learn better when they cooperate. But the last technique — having students help one another — raises the question of whether students with lower ability are being helped at the expense of those with higher ability. Is this true? Knowledge, happily, is not \_\_\_\_\_. Anyone who has taught or tutored knows that doing so not only reinforces one's own knowledge but often pulls one to a more sophisticated understanding of the material. The cliché about teachers' learning as much as their pupils is quite true, and the tutoring that takes place in a cooperative classroom actually benefits both the helper and the helped more than a competitive or independent study arrangement.
- ① a rat race                      ② a zero-sum product  
③ a win-win situation                      ④ a norm-referenced test
23. Modern European and American history is centered around the effort to gain freedom from the political, economic, and spiritual shackles that have bound men. The battles for freedom were fought by the oppressed, those who wanted new liberties, \_\_\_\_\_ who had privileges to defend. While a class was fighting for its own liberation from domination, it believed itself to be fighting for human freedom as such and thus was able to appeal to an ideal, to the longing for freedom rooted in all who are oppressed. In the long and virtually continuous battle for freedom, however, classes that were fighting against oppression at one stage sided with the enemies of freedom when victory was won and \_\_\_\_\_.
- ① against those — new privileges were to be defended  
② for those — they identified themselves with the party  
③ with those — their enemies suffered straight defeats  
④ to those — withdrew approval for the revolutionary sentiments

[24-26] 다음 글을 읽고 물음에 답하시오. (각 3.5점)

24. As with the investigation of encoding, researchers have gained insight into the mechanisms underlying episodic retrieval by noting the factors present on occasions when retrieval is successful. (A) One of the fundamental conclusions reached as a result of this approach is that retrieval is cue dependent, that is, it is stimulated by hints and clues from the external and the internal environment — from the state of the world and the state of ourselves. When cues are not available or are not used, attempts at retrieval are less likely to produce pattern completion. (B) Research has demonstrated state-dependent effects — better retrieval when internal states at retrieval match those at encoding — that parallel context dependent effects. Many instances of forgetting occur not because the information sought has been lost from memory but because the cues used to probe memory are ineffective. (C) Context provides particularly strong retrieval cues, a phenomenon you may have experienced in visiting your old elementary school or standing in the room you had as a child or for old times' sake having a snack at a deli that was a high school hangout. The memories thus produced are stronger and more detailed in such circumstances than when you simply reminisce without cues. (D) This phenomenon reveals a context-dependent effect on retrieval: retrieval is typically better when the physical environment at retrieval matches that at encoding.

위 글의 흐름상 가장 적합하지 않은 것을 고르시오.

- ① (A)                      ② (B)
- ③ (C)                      ④ (D)

25. Cells are exposed during their lifetimes to an array of physical forces ranging from those generated by association with other cells and extracellular matrices to the constant forces placed on cells by gravity. Alterations in these forces, either with differentiation and development or changes in activity or behavior, result in modifications in the biochemistry and adaptation in structure and function of cells. Also, a variety of differentiated cells have unique shapes that relate to extremely specialized functions, with structure and function emerging concurrently. These observations lead to the concept that the forces perceived by cells may dictate their shape, and the combined effects of external physical stimuli and internal forces responsible for maintaining cell shape may stimulate alterations in cellular biochemistry. This review examines the state of our knowledge concerning the mechanisms through which physical forces are converted to biochemical signals, and speculates on the molecular structures that may be involved in mechanotransduction.

위 글을 통해 추론할 수 있는 것으로 가장 적합한 것을 고르시오.

- ① Some cells are subjected to static and dynamic physical forces in the body but others are not.
- ② The shapes and structures of cells are as diverse as the functions ascribed to them.
- ③ A cell is genetically programmed to perform a specific biological function, and proper structure becomes the ascribed function.
- ④ Cells are less likely to respond to physical stimuli with alterations in their biology and biochemistry.

26. People identify with particular TV characters and see them as mirroring themselves. Watching these ordinary people suffering, being happy, arguing, taking revenge, in short, dealing with everyday situations, serves as "catharsis" to use an ancient Greek term. (A) The psychology of the TV viewer is affected by the situations in which their TV heroes or heroines are involved. Somehow, they come to believe that these TV facts concern them, and that they should be occupied with them. (B) Lack of time and insecurity are allies in the personal equating with TV characters. It enables the view to have "safe" confrontation with real life; the TV screen is always a self-protector. (C) Whatever happens, true or not, it is "in there," behind the screen, not too close to us. The "deviation of keyhole" is responsible for creating totally wrong social behaviors. (D)

아래의 문장이 들어갈 위치로 가장 적합한 곳을 고르시오.

This pseudo-experience sometimes can be a relief from the daily pressures, but in the end results in total distraction and a befuddled mind in terms of any evaluation of the spectacle being watched.

- ① (A)                      ② (B)
- ③ (C)                      ④ (D)