

I. Words and Phrases: 50%

Choose the best answer to each question from among the four choices given.

1. It's hard to put anything about the issue in a _____, but a fair summary is as follows.
(A) nutcase (B) nuthouse (C) nutmeg (D) nutshell
2. Flint's water crisis garnered some attention when leading Democratic presidential hopefuls Hillary Clinton and Bernie Sanders both _____ a point of mentioning it during Sunday's debate.
(A) observed (B) made (C) reminded (D) scored
3. In *Harry Potter*, getting the Hogwarts Express ready to transport witches and wizards to school was _____ — secret records at the Ministry of Magic detail a "mass operation involving one hundred and sixty-seven Memory Charms and the largest ever mass Concealment Charm performed in Britain."
(A) anything but feasible (B) hazy at best (C) an easy job (D) no easy feat
4. Instead of trying to understand millennials, many are quick to _____ sweeping generalizations and surface-level assumptions.
(A) rush to (B) apply for (C) come up (D) flush out
5. People frequently overestimated their ability to communicate, and this was more _____ with people they knew well.
(A) abominable (B) pronounced (C) sanguine (D) obnoxious
6. In the movies, comas look harmless: A well-groomed patient lays in bed for a few months and wakes fully articulate, seemingly _____ by his or her ordeal. In real life, however, it's a very different story.
(A) unscathed (B) arduous (C) astute (D) hazardous
7. A 2011 study found that solving crossword puzzles _____ delayed the onset of memory decline in individuals between the ages of 75 and 85, but sped the decline (for reasons unknown) once a person showed signs of dementia.
(A) spitefully (B) terminally (C) permanently (D) initially
8. Alcohol _____ how neurons communicate, affecting one's ability to perform tasks like walking, speaking, and making decisions.
(A) breaks through (B) puts down (C) interferes with (D) results in
9. Today the famous photographer owns a fleet of drones in New York that he uses to shoot projects as _____ as BMW commercials, corporate events, and weddings.
(A) lucrative (B) formidable (C) incidental (D) varied
10. In the workplace, favorable first impressions can quickly lose their impact, especially when there's no substance beneath the surface glow. That's where talent _____: Once you've shown you're likeable, then you can prove you're talented.
(A) turns out (B) comes in (C) counts on (D) goes up
11. Research shows good sleep is _____ for having better health and preventing chronic diseases like obesity, diabetes, cancer, cardiovascular disease, and depression.
(A) called (B) precious (C) essential (D) cordial
12. Smartphone _____ is everywhere. Take a glance at your day-to-day life and you'll notice your friends are a bit too preoccupied with their iOS or Android devices. Some even claim they can't live without their cell phones.
(A) connection (B) dependency (C) delinquency (D) wave

13. Children or adults on antidepressants who decide to quit the drugs should taper off gradually under the supervision of a doctor. _____ may cause serious withdrawal symptoms.
(A) Dismissing turkey (B) Quitting turkey (C) Talking turkey (D) Going cold turkey
14. Skimping on sleep may make it tougher for a smoker to ditch the habit by _____ attention and cognition, changing cravings, affecting mood or increasing the reward value of cigarettes.
(A) sparing (B) despairing (C) impairing (D) repairing
15. The director claims the new plan will save as much as \$16 million a year in operating costs, or the _____ of adding 50 percent to the library system's endowment.
(A) value (B) revenue (C) equivalent (D) asset
16. Listening to music is a form of emotional self-care that many of us _____ every day, without much conscious thought.
(A) switch off (B) turn to (C) hold on (D) give in
17. A new study suggests that there seems to be a limit to human lifespan. However, the results, based on demographic data, are far from _____ and must be interpreted carefully.
(A) suggestive (B) conclusive (C) ambiguous (D) doubtful
18. According to Wood for Good, an organization that advocates for sustainable wood construction, a ton of bricks requires four times the _____ of energy to produce as a ton of sawn softwood.
(A) amount (B) usage (C) quality (D) number
19. Although the policy did achieve a measure of success in increasing the number of international students enrolled at the university, it also created a number of _____.
(A) positive outcomes (B) fringe benefits
(C) accurate inferences (D) unintended consequences
20. Whereas social support might have helped female migrant workers to _____ the effects of migrant stress on their mental health, no such effect was found among the male migrant workers.
(A) counteract (B) deliver (C) highlight (D) integrate
21. Prices and inventory levels _____ considerably from week to week, in part predictably (e.g., due to seasonal shifts in demand) and in part unpredictably.
(A) merge (B) vibrate (C) fluctuate (D) move
22. Whatever consensus scholars may have reached has been achieved on the basis of _____ assumptions made without fully and conscientiously analyzing currently available data.
(A) tenuous (B) sturdy (C) informative (D) cognizant
23. The meaning of signs _____ cultural models which people accept as they allow social institutions, including language, to do a lot of thinking for them.
(A) ensembles (B) encapsulates (C) insulates (D) precipitates
24. Microsoft CEO Steve Ballmer saw the _____ on the wall in the wake of the iPad. He knew immediate action had to be taken if Microsoft were to maintain its dominance.
(A) picture (B) painting (C) impression (D) writing
25. Do men put up with more pain than women? To answer that question, researchers at Leeds Metropolitan University in England _____ pain on 200 Libyan and British students, and studied how they responded.
(A) applied (B) empowered (C) preserved (D) inflicted

II. Grammar: 20%

Choose the best answer to each question from among the four choices given.

26. More than 40 percent of adults experience daytime sleepiness severe enough to interfere with their daily activities—with 20 percent _____ problem sleepiness a few days a week or more.
(A) to report (B) reported (C) report (D) reporting
27. People who are incredibly successful understand the importance of the body in relation to the mind. The health of the one simply cannot be maintained without upkeeping _____.
(A) the other (B) the others (C) another (D) others
28. _____ all our available resources, everyone has the same number of hours in a day. Some, however, manage to get more done.
(A) To (B) Of (C) In (D) About
29. Deforestation can also increase breeding sites for vector-borne diseases, such as _____ with mosquito habitat and malaria in the Peruvian Amazon.
(A) occurring (B) to occur (C) to have occurred (D) occurred
30. The painter tried _____ white acrylic paint to his pigment, but disliked the plasticky texture this created.
(A) at adding (B) to add (C) adding (D) add
31. $F=ma$, known widely as Newton's second law, _____ a postulate of physics since the advent of Newton's masterful *Principia* in 1687.
(A) is (B) having been (C) being (D) has been
32. At first, planners assumed that everyone who pre-registered would show up, and last-minute registrants were discouraged from attending. But now, aware of the ratio of pre-registrants _____ no-shows, the planning team responds with an enthusiastic yes to those who, at the last minute, wish to attend.
(A) to (B) for (C) from (D) and
33. He will take charge of a company that is significantly bigger and more powerful than _____ he left more than a decade ago.
(A) that (B) that one (C) the one (D) which
34. Many urban office buildings, in fact, have concentrations of carbon dioxide eight or more times _____ the atmosphere.
(A) as high (B) as higher of (C) as high as that of (D) higher than that for
35. Which of the following sentences is the best in terms of grammar and style?
(A) To avoid having to dismiss anyone, salaries were cut by 40 percent by the boss.
(B) To avoid having to dismiss anyone, 40 percent were cut from salaries by the boss.
(C) To avoid having to dismiss anyone, the boss cut salaries by 40 percent.
(D) To avoid having to dismiss anyone, 40 percent were cut by the boss from salaries.

III. Cloze: 30%

Choose the best answer to fill in the blanks in the following passages.

Passage A

For over a century, researchers have been uncovering 36 sleep promotes memory, specifically the formation of long-term memories, and now neuroscientists are increasingly finding that the 37 imagery in dreams is a by-product of the memory-making process. When your different threads of experience are bound together, the result is as familiar as it is alien. "This often bizarre, composite image has not been present to the senses," argues University of Manchester researcher Sue Llewellyn in a 2013 paper. "It is not 'real' because it hyper-associates several memories. During REM sleep, on the phenomenological 38, this composite image is experienced as a dream scene." Memories are bound with memories, and zany imagery ensues.

36. (A) why (B) how (C) what (D) where
 37. (A) antithetical (B) extraterrestrial (C) kaleidoscopic (D) perpendicular
 38. (A) screen (B) meaning (C) film (D) level

Passage B

As a leader, you often have to speak to groups of people. Whether a small team meeting or a company-wide gathering, you need to develop a level of 39 in your approach that makes each individual in the room feel as if you're speaking directly to him or her. The trick is to 40 the distraction of the crowd so that you can deliver your message just as you would if you were talking to a single person. You want to be emotionally genuine and 41 the same feelings, energy, and attention you would one-on-one (as opposed to the anxiety that comes with being in front of people). The ability to 42 is the hallmark of great leadership communication.

39. (A) intimidation (B) valor (C) intimacy (D) profanity
 40. (A) vague (B) upgrade (C) eliminate (D) multiply
 41. (A) exude (B) preclude (C) entice (D) staunch
 42. (A) put this together (B) get this over with (C) stick up for this (D) pull this off

Passage C

Of course, drones with zoom lenses also raise the 43 of unwanted surveillance. In a 2012 Monmouth University telephone 44, fewer than one in four Americans endorsed the idea of having the aircraft 45 the nation's highways, doling out speeding tickets. That's why the Michigan State Police have taken a cautious approach, even meeting with the American Civil Liberties Union to 46 policies, says Sgt. Matt Rogers, a member of the force's aviation unit. "The last thing I want to do is create case law," he says. "If using a drone furthers an investigation, we require a search warrant."

43. (A) specter (B) spectatorship (C) introspect (D) scepter
 44. (A) pole (B) pool (C) poll (D) pull
 45. (A) patrolling (B) patrolled (C) to patrol (D) patrol
 46. (A) revoke (B) enforce (C) review (D) impose

Passage D

Our dreams seem to promote memory. When study participants were asked to 47 a virtual maze, and then take a nap, the people who dreamt of what they learned the first time around did better in the retest. 48, birds aren't born knowing how to sing; they have to learn how. Biologist Daniel Margoliash and his lab at the University of Chicago have 49 into the brains of sleeping male zebra finches, and they've found that the same patterns of neurons fire while they're asleep as when they're singing, trying to attract a mate. 50 you can't exactly ask a finch what it experienced the night before, it looks like the birds practice their songs in their dreams.

47. (A) draw (B) visualize (C) conjure (D) navigate
48. (A) Surprisingly (B) Consequently (C) Similarly (D) Conversely
49. (A) peered (B) glanced (C) stared (D) examined
50. (A) Considering (B) As (C) For (D) While

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