2016학년도 건국대학교 편입학 필기고사

자 연 계

A형

○ **시험 시간은 10:00 ~ 11:30 (90분)입니다.**

○ 이 문제지는 **총 55문항**으로 구성되어 있습니다. 문제지 하단의 쪽수를 보시고 페이지 누락여부를
　확인한 후, 누락된 페이지가 있으면 즉시 감독자에게 말씀하셔서 문제지를 교체하시기 바랍니다.

○ **각 문항별로 배점이 상이**하므로 유의하시기 바랍니다.

○ 답안지의 '문제유형 표기란'에 <u>본인이 수령한 문제유형(A형, B형)</u>을 표기하십시오. 답안지에 문제유형을 표기하지 않을 경우
　전체문항이 0점 처리되므로 유의하시기 바랍니다.

○ 수험생 지원 모집단위, 수험번호, 성명을 정확하게 기재하십시오.

○ 답안지 상의 수험번호 및 답안 마킹은 반드시 컴퓨터용 사인펜을 사용하여야 하며, **마킹 후 수정이 불가능**하므로 마킹 시 신
　중을 기하여 주시기 바랍니다.

※ 시험이 시작되기 전에는 표지를 넘기지 마십시오.

편입구분	지원 모집단위	수험번호	성명
일반편입 / 학사편입	학과(전공)		

※수학: 1번 – 25번(문항 당 2점)
※영어: 26번 – 45번(문항 당 1.5점), 46번 – 55번(문항 당 2점)

1. 함수 $f(x) = \begin{cases} c^2 x^2 + 2x, & x < 2 \\ x^3 - c^2 x, & x \geq 2 \end{cases}$ 가 $(-\infty, \infty)$에서 연속이 되게 하는 상수 c의 값을 c_1, c_2라 하자. $|c_1 - c_2|$의 값은? (단, $i = \sqrt{-1}$)

① $2i$

② $\dfrac{2}{3\sqrt{3}} i$

③ 0

④ $\dfrac{2\sqrt{2}}{\sqrt{3}}$

⑤ $\dfrac{2}{\sqrt{5}}$

2. 다음에서 $x = 0$에서 미분가능한 함수를 <u>모두</u> 고르면?

> (a) $f(x) = \begin{cases} \sin\dfrac{1}{x}, & x \neq 0 \\ 0, & x = 0 \end{cases}$
>
> (b) $f(x) = \begin{cases} x\sin\dfrac{1}{x}, & x \neq 0 \\ 0, & x = 0 \end{cases}$
>
> (c) $f(x) = \begin{cases} x^2 \sin\dfrac{1}{x}, & x \neq 0 \\ 0, & x = 0 \end{cases}$

① (a)
② (b)
③ (c)
④ (b), (c)
⑤ (a), (b), (c)

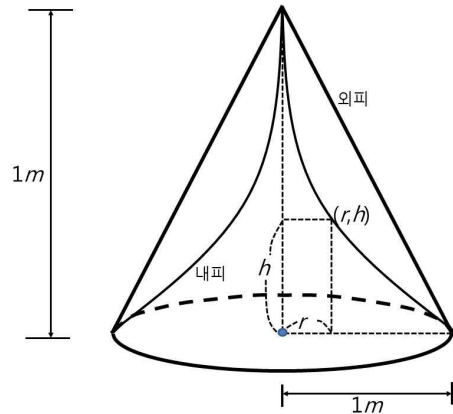3. $\displaystyle\lim_{x \to 0^+} \frac{1}{x} \int_x^{2x} \frac{2+\sin t}{t}\, dt$ 의 값은?

① $\ln 2$
② 1
③ 2
④ 5
⑤ ∞

4. $f(x) = x^{\ln x}$일 때 $f''(1)$의 값은?

① $\dfrac{1}{2}$

② $\dfrac{1}{e}$

③ 1

④ 2

⑤ e

5. 어떤 사람이 반지름이 $1m$이고 높이가 $1m$인 원뿔 모양의 텐트에서 야영을 하고 있다. 추운 날씨 때문에 텐트 외피는 원뿔 모양을 그대로 유지하고 있는데 텐트 내피가 가라앉았다. 텐트 내피상의 각 점은 원뿔의 축까지의 거리가 r이고, 높이가 h일 때, $r = (1-h)^2$을 만족한다. 텐트 내피와 외피 사이 공간의 부피는?

① $\dfrac{\pi}{15}$

② $\dfrac{2\pi}{15}$

③ π

④ $\dfrac{3\pi}{2}$

⑤ 2π

6. 정적분 $\displaystyle\int_0^1 \frac{x+1}{(x^2+1)^2}\,dx$ 의 값은?

① $\dfrac{1}{4}$

② $\dfrac{1}{2}$

③ $\dfrac{\pi}{8}+\dfrac{1}{4}$

④ $\dfrac{\pi}{8}+\dfrac{1}{2}$

⑤ $\dfrac{\pi}{4}+\dfrac{1}{2}$

7. 두 영역 $|x|+|y|\le 1$과 $|x-1|+|y|\le 1$이 겹쳐진 부분을 직선 $2x+y+2=0$에 대해 회전하여 생기는 입체의 부피는?

① π

② $\dfrac{3\pi}{\sqrt{5}}$

③ $\dfrac{\pi\sqrt{8}}{5}$

④ $\dfrac{\pi\sqrt{31}}{5}$

⑤ $\dfrac{\pi\sqrt{41}}{6}$

8. 다음 이상적분의 내용 중 틀린 것은?

① $\displaystyle\int_0^2 \ln x\,dx=-\infty$

② $\displaystyle\int_1^\infty \frac{1}{x}\,dx=\infty$

③ $\displaystyle\int_{-\infty}^0 xe^x\,dx=-1$

④ $\displaystyle\int_{-\infty}^\infty \frac{1}{x^2+1}\,dx=\pi$

⑤ $\displaystyle\int_1^\infty \frac{1}{x^{p+1}}\,dx$는 $p>0$일 때 수렴하고, $p\le 0$일 때 발산한다.

9. 극곡선 $r=1+\sin\theta,\ 0\le\theta\le2\pi$에서 수직접선을 갖는 θ들의 합은?

① $\dfrac{\pi}{3}$

② $\dfrac{\pi}{2}$

③ π

④ $\dfrac{3\pi}{2}$

⑤ $\dfrac{5\pi}{2}$

10. 다음에서 맞는 항목은 모두 몇 개인가?

> (a) 수열 $\{a_n\}$과 수열 $\{b_n\}$이 모두 발산하면 수열 $\{a_n+b_n\}$도 발산한다.
> (b) 급수 $\sum a_n$이 절대수렴하면 급수 $\sum a_n\sin n$은 수렴한다.
> (c) 급수 $\sum a_n$과 급수 $\sum b_n$이 모두 수렴하면 급수 $\sum a_n b_n$도 수렴한다.
> (d) 급수 $\sum a_n$이 수렴하면 $\displaystyle\lim_{n\to\infty}\sqrt[n]{|a_n|}<1$이다.

① 0개
② 1개
③ 2개
④ 3개
⑤ 4개

11. 정적분 $\displaystyle\int_0^{\frac{\pi}{2}}\sum_{k=1}^{100}\frac{\sin^k x}{\sin^k x+\cos^k x}\,dx$의 값은?

① 25π
② 50π
③ 100π
④ 125π
⑤ 150π

12. 다음에서 수렴하는 급수를 모두 고르면?

> (a) $\displaystyle\sum_{n=0}^\infty \frac{1}{n^2+1}$ (b) $\displaystyle\sum_{n=1}^\infty (-1)^n\,\frac{n-1}{2n+1}$
> (c) $\displaystyle\sum_{n=2}^\infty \frac{\sin n}{(n+1)(\ln n)^2}$ (d) $\displaystyle\sum_{n=1}^\infty 2^{-n}\left(1+\frac{1}{n}\right)^{n^2}$

① (a), (b)
② (a), (c)
③ (b), (c)
④ (a), (b), (d)
⑤ (a), (c), (d)

13. 두 수열 $\{a_n\}$과 $\{b_n\}$이 다음을 만족한다.

$$\lim_{n\to\infty}(n^2+n+2)a_n=\alpha, \quad \lim_{n\to\infty}(3n+1)b_n=\beta, \quad (b_n\neq 0)$$

$\displaystyle\lim_{n\to\infty}\frac{na_n}{b_n}=9$일 때 $\dfrac{\alpha}{\beta}$의 값은?

① 1
② 2
③ 3
④ 4
⑤ 5

14. 다음 급수의 값은?
$$\sum_{k=1}^{\infty}\left(\lim_{n\to\infty}\left(\frac{n-1}{n}\right)^{kn+2016}\right)$$

① e^{2016}
② $\dfrac{e}{e^2-2}$
③ $\dfrac{e^{2016}}{e+4}$
④ $\dfrac{1}{e-1}$
⑤ $\dfrac{e}{e^{2016}+1}$

15. $f(x)=x\sqrt{1+x^2}$일 때 $f^{(5)}(0)$의 값은?

① $-\dfrac{15}{4}$
② $-\dfrac{15}{2}$
③ -5
④ -15
⑤ 0

16. $f(x)=\displaystyle\sum_{n=1}^{\infty}(-1)^n\frac{x^{4n}}{n!}+\sum_{n=0}^{\infty}\frac{(-1)^n\pi^{2n+1}}{4^{2n+1}(2n+1)!}$일 때 $f(x)$의 최댓값은?

① 0
② 1
③ $1-\dfrac{1}{\sqrt{2}}$
④ $1+\dfrac{1}{\sqrt{2}}$
⑤ $\dfrac{1}{\sqrt{2}}$

17. $\boldsymbol{r}(t)=\langle t^2,\ln t,2t\rangle$, $1\le t\le 3$로 주어진 곡선의 호의 길이는?

① $3+\ln 3$
② $4+\ln 2$
③ $4+\ln 3$
④ $8+\ln 2$
⑤ $8+\ln 3$

18. 곡면 S_1과 S_2가 아래와 같이 주어졌다. 점 $(2,-1,1)$에서 S_1의 접평면과 S_2의 접평면의 사잇각을 θ라 할 때 $\cos\theta$의 값은?
$$S_1 : z=x^2+y^2-2x$$
$$S_2 : x^2+4y^2+z^2=9$$

① $\dfrac{1}{3}$
② $\dfrac{5}{3\sqrt{11}}$
③ $\dfrac{7}{20\sqrt{3}}$
④ $\dfrac{10}{3\sqrt{22}}$
⑤ $\dfrac{11}{3\sqrt{21}}$

19. 함수 $f(x,y)=ax^2-xy+y^2+9x-6y$가 $a>\eta$이면 극솟값을 갖고, $a<\eta$이면 극솟값을 갖지 않는다고 한다. η의 값은?

① $\dfrac{1}{5}$
② $\dfrac{1}{4}$
③ $\dfrac{3}{5}$
④ $\dfrac{3}{7}$
⑤ $\dfrac{7}{11}$

20. a_1, a_2, a_3는 양의 상수이다. 가중합 $\sum_{k=1}^{3} (a_k x_k)^2$이 최소가 되게 하는 양수 $x_k \ (k=1,2,3)$는? (단, $x_1 + x_2 + x_3 = 1$)

① $\dfrac{1}{\sqrt{a_k \left(\sum\limits_{i=1}^{3} \dfrac{1}{\sqrt{a_i}} \right)^2}}$

② $\dfrac{1}{\sqrt{a_k} \left(\sum\limits_{i=1}^{3} \dfrac{1}{\sqrt{a_i}} \right)}$

③ $\dfrac{1}{a_k^2 \left(\sum\limits_{i=1}^{3} \dfrac{1}{a_i^2} \right)}$

④ $\dfrac{1}{a_k^2 \left(\sum\limits_{i=1}^{3} \dfrac{1}{a_i} \right)^2}$

⑤ $\dfrac{a_k}{\sum\limits_{i=1}^{3} a_i}$

21. 한 환자에게 약 A를 a그램, 약 B를 b그램 매일 투약한다. 하루가 지나면 약 A는 50%가 약 B는 20%가 환자의 몸에 남아있다고 한다. 약의 효과는 $a^2 + 2b^2$에 비례한다고 한다. 매일 투약하여도 환자의 몸에 총 10그램 이상은 남아있지 않게 하면서 약의 효과가 최대가 되게 하는 a와 b에 대하여 $\dfrac{a}{b}$의 값은?

① 1

② $\dfrac{8}{5}$

③ $\dfrac{16}{5}$

④ 4

⑤ $\dfrac{25}{7}$

22. 데카르트 엽선 $x^3 + y^3 = 6xy$ 상에서 $x+y$의 최댓값은?

① 3
② 4
③ 5
④ 6
⑤ 8

23. $\displaystyle \int_0^2 \int_0^{\sqrt{4-y^2}} \dfrac{xy}{\sqrt{x^2+y^2}} \, dx \, dy$의 값은?

① $\dfrac{2}{3}$

② $\dfrac{4}{3}$

③ $\dfrac{\pi}{3}$

④ $\dfrac{\pi}{2}$

⑤ π

24. R이 꼭짓점 $(1,0), (2,0), (0,2), (0,1)$을 갖는 사다리꼴 영역일 때 $\displaystyle \iint_R \cos\left(\dfrac{y-x}{y+x} \right) dA$의 값은?

① $\dfrac{1}{3} \cos 1$

② $\dfrac{3}{2} \sin 1$

③ $\dfrac{1}{2}$

④ 1

⑤ $\dfrac{2}{3}$

25. 영역 $E = \{ (x,y,z) \mid x^2+y^2+z^2 \leq 1, \ z \geq 0 \}$일 때 $\displaystyle \iiint_E \sqrt{x^2+y^2+z^2} \, dV$의 값은?

① $\dfrac{1}{3}$

② $\dfrac{2}{3}$

③ $\dfrac{\pi}{3}$

④ $\dfrac{\pi}{2}$

⑤ π

[26-37] Choose the one most suitable for the blank.

26. Janet has often criticized her friend Lois for driving too fast, yet she herself has had her license suspended for exceeding the speed limit. Lois once tried to tell her that _____, but it didn't do much good. Janet simply didn't accept the fact that she should not pass judgment on other people when she is just as bad as they are.

① misfortunes never come single
② the early bird catches the worm
③ birds of a feather flock together
④ when the going gets tough, the tough get going
⑤ people who live in glass houses shouldn't throw stones

27. As children enter the educational system, traditional expectations for boys and girls continue. In the past, much research focused on how teachers were shortchanging girls in the classroom. Teachers would focus on boys, calling on them more and challenging them. Because boys were believed to be more _____, teachers assumed they would excel in math and science. Teachers encouraged them to go into careers, such as computer science or engineering.

① modest   ② arrogant   ③ analytical
④ effeminate   ⑤ conscientious

28. Should a person turn in another person—a friend or spouse—for drunk driving? For example, you know that this person is out getting drunk and plans to drive home. Should you phone the police and tell them where this person is and describe the kind of car he's driving, so he can be followed, pulled over, and arrested? Or must the drunk driver commit some kind of traffic violation before he can be pulled over, made to walk a straight line, have his breath tested, and all that? I am just a good citizen who wants to remove someone from the streets ___(A)___ before that person removes someone from the earth ___(B)___?

　　(A)　　　　　　(B)
① legally   proactively
② transiently   sluggishly
③ temporarily   permanently
④ empirically   theoretically
⑤ gradually   momentarily

29. It was the first time our parents allowed us to come to the family New Year's Eve party, and we were all very excited. My uncle gave my cousins and me a bit of wine, and he winked and said, "Now enjoy yourselves, but don't get drunk!" I was pretty frightened, and I sipped my wine very slowly. I secretly believed that I was taking a big risk with my health and maybe with my whole future. I was six years old at the time. Later my cousins had more and more drinks. I had a problem: I wanted to keep up with them, but I didn't want to destroy myself. I solved this problem by drinking grape juice and pretending it was wine. I tried to

act just as crazy and out of control as they did. To tell you the truth, they never knew the difference. Years later I finally told them the truth. And guess what? They were just as _____ as I was. They had been drinking grape juice also! Now we no longer drink grape juice at New Year's Eve parties. But I think we never had more fun than we did at the first New Year's Eve party.

① drunk   ② guilty   ③ stupid
④ irrational   ⑤ malevolent

30. To many of his friends, Mr. Jones seemed quite eccentric. Although he was getting on in years, he had a long-standing habit of going out alone to walk in a shoddy part of town late at night. His friends warned him that this was a dangerous practice, and they advised him to do his walking during the day. However, he made no effort to change his routine. It was evident that _____. Even his closest friends had to accept the fact that it's almost impossible for an elderly person to adopt a new routine.

① curiosity killed the cat
② every cloud has a silver lining
③ a picture paints a thousand words
④ you can't judge a book by its cover
⑤ you can't teach an old dog new tricks

31. It was principally the influence of Christianity that deprived beauty of the central place it had in classical ideals of human excellence. By limiting excellence to moral virtue only, Christianity set beauty adrift—as an alienated, arbitrary, superficial enchantment. And beauty has continued to lose _____. For close to two centuries it has become a convention to attribute beauty to only one of the two sexes: the sex which, however fair, is always second. Associating beauty with women has put beauty even further on the defensive, morally.

① novelty   ② banality   ③ principle
④ prestige   ⑤ creativity

32. The cutthroat is one of the most beautiful trout in the world, typically a golden hue with black spots and pinkish-rose sides and throat. This fish once had the widest geographic distribution of any native trout in the West, with 14 subspecies ranging from New Mexico to Alberta and from the Rockies to the Pacific Northwest and southeast Alaska. Despite this huge geographical range, the cutthroat as a species _____: Two subspecies are extinct, ten have suffered steep declines, and only two are thought to be holding their own.

① has not fared well
② is notorious to fishers
③ is not known world-wide
④ is considered less valuable
⑤ has relatively short life span

33. The best poetry seems to be fully appreciated only by the few and to be beyond the comprehension of the many. The best advertising, ___(A)___, is thought about, laughed over, and acted upon by multitudes. Poetry is, in the general apprehension, something special, to be studied in schools, to be enjoyed by cultivated people who have time for that sort of thing, to be read on solemn or momentous occasions. ___(B)___, advertising is part of everyday life.

	(A)	(B)
①	for example	However
②	however	By contrast
③	likewise	After all
④	therefore	Otherwise
⑤	however	In conclusion

34. Indigenous people who maintain a traditional lifestyle eat a great deal of meat, yet they have a low blood lipid level, which is a risk factor in heart disease, and enjoy good cardiovascular health. The explanation is that their rate of metabolism is raised as a result of vigorous physical activity and in response to their frozen environment. But their relatives who have adopted a more sedentary way of life and a Western diet that has more processed foods and less meat, have significantly ___(A)___ blood lipid levels and ___(B)___ rates of obesity and cardiovascular disease.

	(A)	(B)
①	increased	higher
②	developed	lower
③	lower	increased
④	decreased	increased
⑤	balanced	lower

35. Civilization hangs on the Kantian principle that human beings are to be treated as ___(A)___ and not ___(B)___. So much depends on that principle because there is crime that cannot be committed in the name of the future against those who inhabit the present. Medical experimentation, which invokes the claims of the future, necessarily turns people into means. That is why the Nurenberg Code on human experimentation declares that for research to be ethical the subject must give consent. The person is violated if it is unwillingly, even if only uncomprehendingly, used for the benefit of others.

	(A)	(B)
①	subjects	objects
②	creator	creatures
③	process	product
④	cause	effect
⑤	ends	means

36. In order to have the means to buy goods and services, most people have to work at least part of the time to generate income. While many would prefer not to work, the existence of this _____ between free time and consumption of goods forces most to work to be able to buy the minimum amount of goods to keep them content. Because people have different preferences, the ratio of leisure to consumption will vary from person to person.

① choice   ② tradeoff   ③ equilibrium
④ distribution   ⑤ optimization

37. A wealthy individual, whose basic survival needs are met many times over, buys his pets gourmet, organic food that costs more per week than the weekly earnings of a minimum-wage worker. He is proud that he is able to take such good care of his animals and insists that it's the right thing to do if one really loves one's pets. After all, his vet was the one who recommended that he buy that brand. A minimum-wage worker who loads that food into the rich person's car might feel anger when he realizes how much money this individual spends on his pets. The minimum-wage worker might fume that this man's pets eat better than he does. He might wonder whether this rich man has any concept of _____.

① ecology   ② validity   ③ anarchy
④ reality   ⑤ authenticity

38. What does the writer think about nursing a baby in public places?

Many people suggest that mothers who nurse their babies in public places do it discreetly. Have you been to the beach lately? If not, you ought to go. You will see women covered by no more than a narrow strip in front and with their entire bottoms in full view. Their breasts are completely exposed except for dime-size fabric pasties. Turn on the TV and you can watch men and women in bed together, under the sheets, kissing passionately … need I go on? And yet some loony people think a mother nursing her baby in a restaurant is offensive. Good grief!

① sensational   ② entertaining
③ inappropriate   ④ acceptable
⑤ praise-worthy

39. What is the most suitable title for the passage?

In its effort at social engineering to build the perfect society, Singapore has, among other things, banned chewing gum, run campaigns encouraging people to smile, and passed edicts to stop children from climbing trees. Since 1984 the Social Development Unit, a government agency, has even attempted to create smarter Singaporeans. The forum was launched to redress a vexing imbalance: too few bright Singaporean men and women seemed interested in marrying each other, preferring either to wed intellectual inferiors or not to marry at all. Fearing the trend pointed inexorably in the direction of dullardism, the government decided to play Cupid by organizing dances for eligible college graduates. The SDU, though, quickly earned a reputation among critics as the port of last resort for the "Single, Desperate and Ugly." But the government's efforts have become effective: more than half of Singapore's graduate men now marry graduate women—an increase of nearly 25% since 1984.

① Civilized Wedding   ② State Matchmaking
③ Social Welfare Policy   ④ Common Law Marriage
⑤ Career Development Plan

What is the ___(A)___ smokers and non-smokers dining out together? Recently, eight of us decided to eat out. It was one's birthday, and the others were treating him to a party. The restaurant did not take reservations. As we entered the restaurant we were asked if we wanted to sit in the smoking or non-smoking section. I said, "Non-smoking," but was quickly and loudly corrected by one of the smokers. There were three smokers and five non-smokers in our party. The three smokers chain-smoked during the entire meal. Since the meal took about two hours, I don't think it would have been unreasonable for the smokers to have abstained for that short period of time—or they could have excused themselves for a few minutes if they wanted a cigarette. Also, since the non-smokers were ___(B)___, I think our party should have been seated in the non-smoking section.

40. Choose the one most suitable for ___(A)___.
① legal standard for
② main rationale for
③ proper etiquette for
④ core relationship between
⑤ crucial difference between

41. Choose the one most suitable for ___(B)___.
① party animals
② very talkative
③ more generous
④ in the majority
⑤ rich and famous

[42-43] Read the passage and answer the question.

How do you feel about sending women into combat? I'm a woman who will be going through Army basic training in a few months. I think it would be foolish of me to say that I want to go into battle, but I think it's totally unfair to exclude women from combat duty when they can handle it as well as men. Women should be expected to do the same work as men in the military and in wartime. When are the people going to realize that women are a viable source of our national defense? Canadian law has been revised, and now women are allowed to serve in all military positions—except on submarines—in the Canadian armed forces. There are plenty of men out there who would gladly give up their combat positions to women, and plenty of women who would _____ in a battle.

42. According to the passage, the writer believes
① all women are eager to go into combat.
② it is fair to exclude women from combat duty.
③ men are unwilling to yield their positions to women.
④ women can play an important role in national defense.
⑤ Canadian women should serve in all military positions.

43. Which best fits in the blank?
① voluntarily exclude themselves
② be likely to be missing in action
③ be afraid to substantially participate
④ fight fiercely against women's rights
⑤ jump at the chance to prove themselves

[44-45] Read the passage and answer the question.

Claudius, a Roman emperor, was at first glance an unlikely choice, and was not viewed as suitable by the Roman elites. He was already fifty, had no administrative or military career, and suffered from physical defects such as weak legs and a lolling head. His mother had hated him and the rest of his family had not considered him Princeps material. _____, he was not without merits. Augustus had seen he was smart, and had spent late nights talking to him over drinks. Claudius was also an historian. He had written about Carthage, and he had also produced a forty-one-volume history of Augustus. Thus, he knew all about the Empire, its history, and how to administrate it.

44. Fill in the blank with the most suitable word.
① Still   ② Thus   ③ In short
④ Until then   ⑤ For the moment

45. Which is true about Claudius according to the passage?
① He was favored by the Roman elites.
② His deformities made him bureaucratic.
③ His mother was proud of his intelligence.
④ He was considered too old to be an emperor.
⑤ He was not regarded very highly by Augustus.

※ [46번 - 55번: 문항 당 2점]
[46-47] Read the passage and answer the question.

We can observe that questions such as "Which language do you speak?" or "Which dialect do you speak?" may be answered quite differently by people who appear to speak in an identical manner. Many regions of the world provide plenty of evidence for a puzzling array of language and dialect divisions. Surely socio-cultural factors play a role in determining boundaries. Hindi and Urdu in India, Fanti and Twi in West Africa, Kechwa and Aimara in Peru, to name just a few, are recognized as discrete languages both popularly and in law, yet they are almost identical at the level of grammar. _____, the literary and colloquial forms of Arabic used in Iraq, Morocco, and Egypt, or the Welsh of North and South Wales are grammatically quite separate, yet only one language is recognized in each case.

46. 빈 칸에 들어갈 말로 가장 적절한 것은?
① In addition
② For example
③ In conclusion
④ As a consequence
⑤ On the other hand

47. 위 글의 내용과 일치하지 않는 것은?
① Urdu는 인도에서 사용되는 언어 가운데 하나이다.
② 서아프리카 지역의 Fanti와 Twi는 문법이 거의 같다.
③ 이라크와 모로코의 아랍어는 회화체에서 매우 유사하다.
④ 웨일즈 지방에서는 공식적으로 하나의 언어만이 존재한다.
⑤ 문법체계가 언어의 경계를 결정하는 유일한 요인은 아니다.

48. What is the most suitable title for the passage?

It started out to be a simple exploratory operation. Then, suddenly, the patient's heart stopped. Her brain waves started leveling off. The medical team immediately began emergency treatment to try to start the heart again. At last the chief surgeon announced that the patient had died. Minutes later, much to everyone's amazement, the "dead" patient came back to life. Her heart started, and her brain waves began to assume normal patterns. Later she told the doctors that she had been fully aware of everything that had happened while she was "dead." She believed that she came back to life because she wanted so badly to live longer. She said death was not frightening, but she wasn't ready to go yet. The experts admit that they have no satisfactory explanations for these death or near-death experiences. They admit that they do not fully understand life—and they do not fully understand death.

① Rehabilitation　　　　　② Death Penalty
③ Emergency Treatment　　④ Mortality and Immortality
⑤ Mistery of Life and Death

49. What is the most suitable title for the passage?

The uncertain economic conditions of recent years have caused union and management representatives to explore many ways of handling labor problems. Workers have always wanted to share in the profits when the company has good times. Now management representatives are saying, "Fine. We'll share the profits with you—if you'll share the losses with us." Workers are having to decide whether they are willing to take the chance of salary and benefit cuts in bad times. They are having to decide whether job security is more important than other benefits. In effect, they are having to decide whether they are willing and able to pay the cost of sharing.

① Labor Movement　　　　② Economic Recession
③ The Price of Sharing　　 ④ Management Strategy
⑤ The Maximization of Profit

50. 다음 빈 칸에 공통으로 들어갈 것은?

In many cultures, people think that _____ go together —like bread and wine or meat and potatoes. They think that love is a necessary foundation for marriage and that you should love the person you marry before you get married. In other cultures, however, a man and woman may not even know each other before their wedding day. Romantic love is not essential to marriage in these cultures. These people expect that love will develop after the wedding if the marriage is a good one. Your views on _____ come from your culture. Have you ever thought about that? What are your views?

① clothes and shoes　　　② love and marriage
③ pride and prejudice　　 ④ friendship and trust
⑤ engagement and weddings

51. Which is the main idea of the passage?

Greek mythology is largely made up of stories about gods and goddesses, but it must not be read as an account of the Greek religion. According to the most modern idea, a real myth has nothing to do with religion. It is an explanation of something in nature, how any and everything in nature came into existence: people, animals, trees or flowers, the stars, earthquakes, all that is and all that happens. Thunder and lightning, for instance, are caused when Zeus hurls his thunderbolt. Myths are early science, the result of people's first trying to explain what they saw around them.

① Mythology is often very closely associated with religion.
② The most modern idea emphasizes the value of Greek myths.
③ Greek myths frequently mention natural phenomena in detail.
④ Greek myths are explanations of nature rather than religion.
⑤ Science could be better understood by understanding myths.

52. Which is one of the strengths of the 'Condor'?

State-of-the-art technology has let Regal create this unique automobile. You'll know the exhilaration of the condor in flight as variable-assist rack-and-pinion steering guides you on your way. Front-wheel drive gives you superb control. Anti-sway bars and MacPheson struts create a majestic ride. Like the magnificent bird for which it is named, the CONDOR has almost unlimited range. Electronic fuel injection and fuel-saving automatic overdrive give the CONDOR the best mileage of any luxury automobile. The 20-gallon gas tank provides a driving range of more than 400 miles.

① It can run at the highest speed.
② It has a magnificent appearance.
③ It has a strong body for its weight.
④ It is cheaper than other cars of similar size.
⑤ It consumes less fuel than other luxury cars.

53. Which is the main topic of the passage?

In the United States police officers wear identifiable uniforms when on duty. An officer at an accident scene who is wearing everyday clothes might find that crowds won't obey someone who claims to be a police officer but is without a uniform. The officer might have difficulty keeping onlookers at bay or redirecting traffic away from the scene. When the background assumption is not fulfilled, members of the public will not respond as respectfully as they would if the officer were in uniform, and the officer will have a hard time performing required duties.

① The importance of the uniform
② The police officer's required duty
③ The sequence of uniform identification
④ The public respect for the police officer
⑤ The social prejudices to the police officers

54. Which is the main idea of the passage?

The white race divides itself upon economic grounds. The landowning whites look down on everyone else, mostly the working class Cajun whites. These poor whites serve the landowning whites by using violence to maintain the racial order. Despite their efforts, however, the landowning whites still detest and scorn them. In the black race, the Creole culture shuns all darker skin blacks. The Creoles are light skinned blacks who come from the original French colonists in Louisiana. When a Creole girl, Mary Agnes LeFarbre, goes to work on the Samson Plantation with common blacks, her family disowns her. Even though local whites consider the Creoles common blacks, the Creoles themselves refuse to mix with the general black population and act superior. The concept of racism within the black community itself suggests the ridiculousness in using skin color as a means of social division.

① The poor whites use violence for the rich whites.
② Class differences exist even inside the same race.
③ Humans erect boundaries to keep their fellows out.
④ Social frame of racial order constructs American identity.
⑤ People are bound to the traditional image of black and white.

55. Which best describes the tone of the passage?

Undoubtedly, the autobiography of Benjamin Franklin is riddled with faults. It is very muddled, particularly towards the end. It was not written in a continuous stretch, but rather pasted together out of separate fragments that were written years apart from one another; often, the author could not remember what he had even written in the previous sections. The work often takes an arrogant, condescending tone, yet it praises the virtue of humility. And perhaps most egregious of all, the part of Ben's life with the most historical significance—the American Revolution—is entirely omitted from the work. There is no real mention of events after 1760, 15 years before the outbreak of war. At that year the autobiography simply stops.

① critical
② praising
③ objective
④ indifferent
⑤ patronizing