

Section I. Grammar

Directions: Questions 1-10 are incomplete sentences. Beneath each sentence you will see four words or phrases marked (A), (B), (C), and (D). Choose the one word or phrase that best completes the sentence.

1. Even with vast research, there is still a great deal that is ----- known about the working of the human brain.
A. neither
B. none
C. no
D. not
2. Typically, ----- in meadows or damp woods and bloom in the spring.
A. wild violets grow
B. wild violets growth
C. growing wild violets
D. the growth of wild violets
3. The art works of Madelyn-Ann Woolwich are characterized by strong, dark colors and fine attention to patterns of light ----- the viewer's eye.
A. that attract
B. when attracted
C. which attraction
D. attract to
4. A grass-eating, river-dwelling mammal, the hippopotamus ----- to the pig.
A. being related
B. is related
C. relate
D. relating

5. ----- fish in Great Salt Lake, but its waters do contain small brine shrimp.
A. Why no
B. No
C. Not only
D. There are no
6. An etude is a short musical composition written especially ----- a particular technique.
A. enable students practicing
B. enables students practicing
C. enable students to practice
D. to enable students to practice
7. Seldom ----- games been of practical use in playing real games.
A. theories of mathematics
B. theorized as mathematics
C. has the mathematical theory of
D. the mathematical theory has
8. The city of Kalamazoo, Michigan, derives its name from a Native American word ----- "bubbling springs."
A. meant
B. meaning
C. that it meant
D. whose meaning
9. Salt is manufactured in quantities that exceed those of most, -----, other commercial chemicals.
A. of all not
B. not if all are
C. are not all
D. if not all
10. Though smaller than our solar system, a quasar, which looks like an ordinary star, emits more light ----- galaxy.
A. than an entire
B. entirely as
C. that the entire
D. entirely than

Directions: In questions 11-20 each sentence has four underlined words or phrases. The four underlined parts of the sentence are marked (A), (B), (C), and (D). Identify the one word or phrase that must be changed in order for the sentence to be correct.

11. If a glass lizard loses its tails, a new one grows to replace it.
A B C D
12. Many of the recording instruments used in vary branches of science
A B C
are kymographs.
D
13. It was near end of prehistoric times that the first wheeled vehicles
A B C D
appeared.
14. Martin Luther King, Jr.' s magnificent speaking ability enabling
A B
him to effectively express the demands for social justice for Black
C D
Americans.
15. Designers of athletic footwear finely tune each category of shoe to
A B
its particularly activity by studying human motion and physiology.
C D
16. Since rats are destructive and may carry disease, therefore many
A B C
cities try to exterminate them.
D
17. Recently in the automobile industry, multinational companies
have developed to the point where such few cars can be described
A B
as having been made entirely in one country.
C D

24. The ----- of the crash had reduced the car to a third of its original length.
A. battle
B. explosion
C. risk
D. impact
25. The accident was the ----- consequence of carelessness.
A. adequate
B. inevitable
C. odd
D. same
26. Nothing can ----- your coming to work late almost every day.
A. repair
B. miss
C. justify
D. require
27. A new drug has been developed which might help save the lives of heart-attack -----.
A. struggle
B. experts
C. influence
D. victims
28. My grandfather is very active for a man ----- 80.
A. registering
B. maintaining
C. approaching
D. advancing
29. The politician said he would make no ----- between terrorism and murder.
A. appeal
B. endeavor
C. shelter
D. distinction
30. Even today the villagers live in a ----- one-crop economy.
A. primitive
B. flat
C. tiny
D. sufficient

31. There is a widening between poor and ----- people.
A. special
B. affluent
C. honest
D. unique
32. All R45 aircraft have been grounded, after a ----- in the engine cooling system was discovered.
A. feebleness
B. blunder
C. fraction
D. defect
33. It would be helpful if you were to ----- the report with an introduction.
A. precede
B. castigate
C. stimulate
D. recite
34. Some things are ----- by law, such as wearing seat belts in cars.
A. adverse
B. rigid
C. compulsory
D. exempt
35. This attack will ----- the already tense relations between the two communities.
A. postpone
B. reconcile
C. expose
D. exacerbate
36. The Red Cross workers are setting up camps to help the ----- from the neighboring country.
A. looters
B. fugitives
C. advocates
D. spectators

Section III. Cloze

Directions: Questions: Read the text below and decide which word or phrase (A), (B) (C), and (D) best fits each space.

Which are the animals?

Most dog owners are so 41 about their pets that they 42 them by letting them have their own 43 all the time. They make absurd claims about their intelligence, and 44 to believe that they could ever do any harm. It is no 45 them, either, that city life does not 46 the 47 they have chosen and it would have been better if they 48 picked something smaller.

There are other animal lovers, however, who argue that large dogs should be banned from cities for the 49 of their health.

A Dalmatian I read about recently, however, had the good 50 to live near a big park, and the vet that it was taken to when it was ill had a house not 51 off. One day, the dog woke up with a bad leg; when its owner took it for a walk, it 52 painfully beside him 53 the park but then pulled its owner across the road. The owner followed it along several streets until it 54 the vet's house, where it 55 up its injured foot and waited patiently for attention.

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|-----|----------------|----------------|----------------|----------------|
| 41. | A. sensible | B. sensuous | C. sentimental | D. sensational |
| 42. | A. impair | B. damage | C. spoil | D. tolerate |
| 43. | A. desire | B. want | C. will | D. way |
| 44. | A. deny | B. refuse | C. reject | D. resist |
| 45. | A. use saying | B. use telling | C. use to say | D. use to tell |
| 46. | A. agree | B. fit | C. match | D. suit |
| 47. | A. breed | B. grade | C. race | D. variety |
| 48. | A. should have | B. would have | C. have | D. had |
| 49. | A. aid | B. behalf | C. profit | D. sake |
| 50. | A. chance | B. fate | C. luck | D. success |
| 51. | A. far | B. long | C. much | D. away |
| 52. | A. hurried | B. limped | C. ran | D. strolled |

53. A. as far as B. as long as C. as much as D. until
54. A. arrived B. got C. reached D. went
55. A. held B. got C. took D. rose

Section IV: Reading Comprehension

Directions: Read the following passages and select the best choice to each question.

Questions 56-64

The white rings of Saturn, the second largest planet in the solar system and named for the ancient Roman god of agriculture, were first seen by the Italian astronomer Galileo in 1610. He interpreted the rings as being two smaller bodies, but in the late 1650s Huygens correctly theorized that there was indeed a ring. It was not until the mid-nineteenth century that J.C. Maxwell demonstrated mathematically that these rings were composed of minute and unconnected particles. In 1980, the *Voyager I* showed that the ring system was highly structured.

This system is vast, some twenty-one times the diameter of the Earth, but it has a maximum thickness of only two kilometers. Spectroscopy, the analysis of radiated light to determine the elements present, shows that the particles in the system consist of water ice, which probably covers rocky silicate cores. The rings may have originated as debris from satellites or comets, though another theory holds that they may consist of material left over from the formation of the planet itself.

Apart from the myriad ring particles, themselves satellites of course, there are at last twenty-four larger satellites proper orbiting Saturn. This means that Saturn has the most extensive satellite system yet found among the nine planets of our solar system. More than one-third of Saturn's satellites have been discovered in the past twenty years. While in general less strikingly varied than the moons of Jupiter, those of Saturn do provide one notable exception: Titan. This satellite, second only in size to Jupiter's Ganymede, is unique in the solar system in having a substantial atmosphere.

56. What does the passage mainly discuss?
- A. The planet Saturn
 - B. Our solar system
 - C. Galileo's discoveries
 - D. Saturn's satellite
57. Why does the author mention the Roman god of agriculture?
- A. To explain the relationship with Galileo
 - B. To explain the age of the planet Saturn
 - C. To account for what the planet is called
 - D. To account for the planet's white rings
58. Which of the following may NOT be inferred from the passage?
- A. Galileo failed to interpret correctly what he saw.
 - B. No one had observed the rings of Saturn before Galileo.
 - C. J.C. Maxwell's demonstration preceded *Voyager I* by some thirty years.
 - D. Huygens disagreed with Galileo's interpretation of the rings.
59. The word "it" in line 10 refers to
- A. Earth
 - B. thickness
 - C. system
 - D. diameter
60. According to the passage
- A. the origin of the ring particles is uncertain
 - B. spectroscopy proved the rings come from debris
 - C. the ring system is thicker than the Earth's diameter
 - D. Saturn's ring system is theoretical
61. The word "they" in line 14 refers to
- A. cores
 - B. rings
 - C. satellites
 - D. comets
62. The word "unique" in line 23 is closest in meaning to
- A. unusual
 - B. unparalleled
 - C. noteworthy
 - D. unpredictable

79. It can be inferred from the passage that before the Industrial Revolution

- A. families were larger
- B. population statistics were unreliable
- C. the population grew steadily
- D. economic conditions were bad

80. The word "It" in line 28 refers to

- A. horizon
- B. population wave
- C. nine percent
- D. first half