

Name: _____ School: _____ Gr: 7 or 8 (next year)

English						Math					
CogAT		Reading		Literature		Multiple Choice		Numerical Response			
1	(A) (B) (C) (D) (E)	31	(A) (B) (C) (D) (E)	51	(A) (B) (C) (D) (E)	1	(A) (B) (C) (D) (E)	31			
2	(A) (B) (C) (D) (E)	32	(A) (B) (C) (D) (E)	52	(A) (B) (C) (D) (E)	2	(A) (B) (C) (D) (E)	32			
3	(A) (B) (C) (D) (E)	33	(A) (B) (C) (D) (E)	53	(A) (B) (C) (D) (E)	3	(A) (B) (C) (D) (E)	33			
4	(A) (B) (C) (D) (E)	34	(A) (B) (C) (D) (E)	54	(A) (B) (C) (D) (E)	4	(A) (B) (C) (D) (E)	34			
5	(A) (B) (C) (D) (E)	35	(A) (B) (C) (D) (E)	55	(A) (B) (C) (D) (E)	5	(A) (B) (C) (D) (E)	35			
6	(A) (B) (C) (D) (E)	36	(A) (B) (C) (D) (E)	56	(A) (B) (C) (D) (E)	6	(A) (B) (C) (D) (E)	36			
7	(A) (B) (C) (D) (E)	37	(A) (B) (C) (D) (E)	57	(A) (B) (C) (D) (E)	7	(A) (B) (C) (D) (E)	37			
8	(A) (B) (C) (D) (E)	38	(A) (B) (C) (D) (E)	58	(A) (B) (C) (D) (E)	8	(A) (B) (C) (D) (E)	38			
9	(A) (B) (C) (D) (E)	39	(A) (B) (C) (D) (E)	59	(A) (B) (C) (D) (E)	9	(A) (B) (C) (D) (E)	39			
10	(A) (B) (C) (D) (E)	40	(A) (B) (C) (D) (E)	60	(A) (B) (C) (D) (E)	10	(A) (B) (C) (D) (E)	40			
11	(A) (B) (C) (D) (E)	41	(A) (B) (C) (D) (E)	61	(A) (B) (C) (D) (E)	11	(A) (B) (C) (D) (E)	41			
12	(A) (B) (C) (D) (E)	42	(A) (B) (C) (D) (E)	62	(A) (B) (C) (D) (E)	12	(A) (B) (C) (D) (E)	42			
13	(A) (B) (C) (D) (E)	43	(A) (B) (C) (D) (E)	63	(A) (B) (C) (D) (E)	13	(A) (B) (C) (D) (E)	43			
14	(A) (B) (C) (D) (E)	44	(A) (B) (C) (D) (E)	64	(A) (B) (C) (D) (E)	14	(A) (B) (C) (D) (E)	44			
15	(A) (B) (C) (D) (E)	45	(A) (B) (C) (D) (E)	65	(A) (B) (C) (D) (E)	15	(A) (B) (C) (D) (E)	45			
16	(A) (B) (C) (D) (E)	46	(A) (B) (C) (D) (E)	66	(A) (B) (C) (D) (E)	16	(A) (B) (C) (D) (E)	46			
17	(A) (B) (C) (D) (E)	47	(A) (B) (C) (D) (E)	67	(A) (B) (C) (D) (E)	17	(A) (B) (C) (D) (E)	47			
18	(A) (B) (C) (D) (E)	48	(A) (B) (C) (D) (E)	68	(A) (B) (C) (D) (E)	18	(A) (B) (C) (D) (E)	48			
19	(A) (B) (C) (D) (E)	49	(A) (B) (C) (D) (E)	69	(A) (B) (C) (D) (E)	19	(A) (B) (C) (D) (E)	49			
20	(A) (B) (C) (D) (E)	50	(A) (B) (C) (D) (E)	70	(A) (B) (C) (D) (E)	20	(A) (B) (C) (D) (E)	50			
21	(A) (B) (C) (D) (E)			71	(A) (B) (C) (D) (E)	21	(A) (B) (C) (D) (E)				
22	(A) (B) (C) (D) (E)			72	(A) (B) (C) (D) (E)	22	(A) (B) (C) (D) (E)				
23	(A) (B) (C) (D) (E)			73	(A) (B) (C) (D) (E)	23	(A) (B) (C) (D) (E)				
24	(A) (B) (C) (D) (E)			74	(A) (B) (C) (D) (E)	24	(A) (B) (C) (D) (E)				
25	(A) (B) (C) (D) (E)			75	(A) (B) (C) (D) (E)	25	(A) (B) (C) (D) (E)				
26	(A) (B) (C) (D) (E)			76	(A) (B) (C) (D) (E)	26	(A) (B) (C) (D) (E)				
27	(A) (B) (C) (D) (E)			77	(A) (B) (C) (D) (E)	27	(A) (B) (C) (D) (E)				
28	(A) (B) (C) (D) (E)			78	(A) (B) (C) (D) (E)	28	(A) (B) (C) (D) (E)				
29	(A) (B) (C) (D) (E)			79	(A) (B) (C) (D) (E)	29	(A) (B) (C) (D) (E)				
30	(A) (B) (C) (D) (E)			80	(A) (B) (C) (D) (E)	30	(A) (B) (C) (D) (E)				

Dr. Li's English Contest Gr7&8 (Summer 2019)

(No marks on this test. Keep it clean.)

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CogAT

Word Replacement: Choose the best word to replace the underlined.

1. His extreme nervousness impeded his ability to speak in front of large groups of people.
A) hindered
B) accelerated
C) halted
D) fostered
2. There is no alternative; the president must approve the bill if Congress passes it.
A) chance of agreement
B) mistake
C) other choice
D) doubt
3. A new president tries to embody a new spirit during his first term in office.
A) enjoy
B) expand
C) gain
D) demonstrate
4. Because it is utterly relaxing, Yoga is often recommended for those who face a great deal of stress.
A) hardly
B) finally
C) rapidly
D) completely
5. The concurrence of the heads of state was totally unexpected.
A) objection
B) proposal
C) rejection
D) agreement
6. The rock was poised on the edge of the cliff.
A) dangling
B) rolling
C) perpendicular
D) balanced
7. Her husband is very competent; he will repair the roof himself.
A) industrious
B) capable
C) thrifty
D) careful
8. Each year several hurricanes narrowly miss devastating densely populated areas on the Atlantic and Gulf coasts.
A) heavily
B) moderately
C) carefully
D) tensely
9. Preceding the discovery of America by Europeans, the American Indians found the continent and settled it.
A) Before
B) Predicting
C) Ahead of
D) Preventing
10. Job applicants must avoid being reticent during their interviews.
A) lazy
B) complaisant
C) incompatible
D) uncommunicative

CogAT

Analogies: Select the best match for each of the following analogies.

11. abduction : person =
 - A) larceny : victim
 - B) duress : threat
 - C) deception : credulity
 - D) robbery : property
12. bovine : cow =
 - A) reptilian : snake
 - B) ursine : bear
 - C) equestrian : horse
 - D) canine : collie
13. coward : fearless =
 - A) gambler : lucky
 - B) youth : experience
 - C) miser : generous
 - D) leader : humble
14. emulate : person =
 - A) admire : reputation
 - B) obey : leader
 - C) cooperate : partner
 - D) mimic : gesture
15. furnace : heat =
 - A) lamp : light
 - B) thermometer : temperature
 - C) camera : exposure
 - D) sponge : moisture
16. indigent : wealth =
 - A) smug : complacency
 - B) aristocratic : stature
 - C) contented : happiness
 - D) emaciated : nourishment
17. marathon : stamina =
 - A) relay : independence
 - B) jog : weariness
 - C) hurdle : perseverance
 - D) sprint : celerity
18. perseverance : success =
 - A) scrutiny : results
 - B) hope : confirmation
 - C) endeavor : trials
 - D) curiosity : knowledge
19. rustle : cattle =
 - A) swim : fish
 - B) pan : gold
 - C) speculate : stock
 - D) hijack : cargo
20. student : knowledge =
 - A) hermit : society
 - B) prospector : gold
 - C) disciple : discipline
 - D) hypocrite : truth

CogAT

Sentence Completion: Select the best match to complete each of the following sentences.

21. Fundraising is only effective when _____ individuals are available, showing their concern by their readiness to give.
A) selfless
B) meaningful
C) popes
D) famous
22. Petra was so _____ while giving her speech in front of the class that her stomach began to ache.
A) loud
B) anxious
C) relaxed
D) calm
23. Though Mr. Fenster was known to be _____ toward his neighbors, he always welcomed their children as trick-or-treats at Halloween.
A) cheerful
B) direct
C) belligerent
D) courteous
24. Few animals are _____ enough to live in Antarctica with its extreme cold.
A) immature
B) intellectual
C) conscientious
D) hardy
25. Physicians offer recommendations about food groups and eating habits in order to help their patients follow a more _____ diet.
A) fulfilling
B) hearty
C) total
D) balanced
26. Ancient societies gave authority to those who knew and preserved _____, for the idea of what was right lay in the past.
A) tradition
B) law
C) intelligence
D) order
27. Because Beth exercises so infrequently, she has a(n) _____ to gain weight quickly.
A) inability
B) reason
C) tendency
D) urgency
28. It is hard to imagine that so much modern machinery, from huge oil tankers, cars, and jet engines all the way down to _____ nuts, bolts, and screws, is made from _____ material: steel.
A) flimsy .. the unique
B) tremendous .. the common
C) countless .. the perfect.
D) minuscule .. the same
29. We soon found that no commercial crop could grow in the _____ soil of this desert-like countryside.
A) cultivated
B) enriched
C) barren
D) lush
30. The young reporter called his editor to tell her that the report of his death was _____.
A) explicit
B) authentic
C) erroneous
D) coincidental

Reading

In some rural agricultural societies, the collection of available fuel such as firewood, dung cake, and agricultural waste can take 200 to 300 person-days per year. As well as being time consuming, the typical patterns of collection lead to deforestation, soil erosion, and ecological imbalances. In the future, experts predict that even if food supplies are adequate for rural populations, fuel supplies for domestic use may not be.

In the light of such considerations, a team in India has developed a solar oven for home use. The oven is cheaply constructed, easily operated, and extremely energy efficient. The device consists of an inner and outer metal box, a top cover, and two panes of plain glass. The inner box is painted black to absorb maximum solar radiation. The space between the two boxes is filled with an insulating material, such as rice husks, which are easily available and which, because of their high silicon content, neither attract insects nor rot easily. Other easily available materials for insulation are ground nutshells or coconut shells. An adjustable mirror mounted on one side of the oven box reflects the sunlight into the interior, boosting the temperatures by 15-30 degrees Celsius. This is most useful during the winter when the sun is lower. Inside the oven, a temperature between 80 and 120 degrees Celsius above ambient temperature can be maintained. This is sufficient to cook food gradually but surely. Trials have shown that all typical food dishes can be prepared in this solar device without loss of taste or nutrition.

31. This passage is mainly about

- A) deforestation in the rural agricultural societies
- B) use of rice husks in an insulation material
- C) design and use of a solar oven
- D) maintenance of temperature in a solar oven

32. Which one of the following reasons is NOT mentioned for using rice husks as insulating material?

- A) They are easily available.
- B) They don't attract insects.
- C) They don't rot easily.
- D) They reflect sunlight.

33. According to the passage, the use of an adjustable mirror increases the oven temperature by

- A) 80-120 degrees Celsius
- B) at least 80 degrees Celsius
- C) up to 30 degrees Celsius
- D) up to 15 degrees Celsius

34. According to the passage, the adjustable mirror is most useful

- A) at midday
- B) during the winter
- C) when firewood is lacking
- D) to improve taste and nutrition

35. It can be inferred from the passage that the solar oven might prove most useful to a family in an agricultural society because

- A) it will save time
- B) it is easy to construct
- C) it does not attract insects
- D) it cooks all kinds of food

Reading

Many folk cures which have been around for centuries may be more therapeutic than previously suspected. A case in point is that of penicillin. Alexander Fleming did not just randomly choose cheese molds to study when he discovered this very important bacteria-killing substance. Moldy cheese was frequently given to patients as a remedy for illness at one time. Fleming just isolated what it was about the cheese which cured the patients.

In parts of South America, a powder obtained from grinding sugar cane is used for healing infections in wounds and ulcers. This usage may date back to pre-Colombian times. Experiments carried out on several hundred patients indicate that ordinary sugar in high concentrations is lethal to bacteria. Its suction effect eliminates dead cells, and it generates a glasslike layer which protects the wound and ensures healing.

Another example of folk medicine which scientists are investigating is that of Arab fishermen who rub their wounds with a venomous catfish to quicken healing. This catfish excretes a gellike slime which scientists have found to contain antibiotics, a coagulant that helps close injured blood vessels, anti-inflammatory agents, and a chemical that directs production of a gluelike material that aids healing.

It is hoped that by documenting these folk remedies and experimenting to see if results are indeed beneficial, an analysis of the substances can be made, and synthetic substances can be developed for human consumption.

36. According to the passage,
- A) bacteria feed on sugar
 - B) sugar kills unhealthy cells
 - C) glass is formed from sugar
 - D) sugar promotes healing

37. The gellike substance which promotes healing comes from
- A) catfish bodies
 - B) Arab fishermen
 - C) coagulants
 - D) catfish venom
38. Which one of the following is NOT an important quality of the catfish slime?
- A) It prohibits inflammation.
 - B) It fights bacteria.
 - C) It stops bleeding.
 - D) It produces mold.
39. According to the passage, why is it important to study folk medicine?
- A) to document cultural heritages
 - B) to perpetuate superstitions
 - C) to experiment with synthetic substances
 - D) to advance modern medical practices
40. In what way are cheese molds, sugar, and catfish slime similar?
- A) They cause blood clots.
 - B) They fight bacteria.
 - C) They heal wounds.
 - D) They eliminate dead cells.

Reading

White Fang
Jack London
(excerpt, 1906)

They ran many miles that day. They ran through the night. And the next day found them still running. They were running over the surface of a world frozen and dead. No life stirred. They alone moved through the vast inertness. They alone were alive, and they sought for other things that were alive in order that they might devour them and continue to live.

They crossed low divides and ranged a dozen small streams in a lower-lying country before their quest was rewarded. Then they came upon moose. It was a big bull they first found. Here was meat and life, and it was guarded by no mysterious fires nor flying missiles of flame. Splay hoofs and palmated antlers they knew, and they flung their customary patience and caution to the wind. It was a brief fight and fierce. The big bull was beset on every side. He ripped them open or split their skulls with shrewdly driven blows of his great hoofs. He crushed them and broke them on his large horns. He stamped them into the snow under him in the wallowing struggle. But he was foredoomed, and he went down with the she-wolf tearing savagely at his throat, and with other teeth fixed everywhere upon him, devouring him alive, before ever his last struggles ceased or his last damage had been wrought.

There was food in plenty. The bull weighed over eight hundred pounds- fully twenty pounds of meat per mouth for the forty-odd wolves of the pack. But if they could fast prodigiously, they could feed prodigiously, and soon a few scattered bones were all that remained of the splendid live brute that had faced the pack a few hours before.

There was now much resting and sleeping.

With full stomachs, bickering and quarreling began among the younger males, and this continued through the few days that followed before the breaking-up of the pack. The famine was over. The wolves were now in the country of game, and though they still hunted in pack, they hunted more cautiously, cutting out heavy cows or crippled old bulls from the small moose-herds they ran across.

There came a day, in this land of plenty, when the wolf-pack split in half and went in different directions. The she-wolf, the young leader on her left, and the one-eyed elder on her right, led their half of the pack down to the Mackenzie River and across into the lake country to the east. Each day this remnant of the pack dwindled. Two by two, male and female, the wolves were deserting.

Occasionally a solitary male was driven out by the sharp teeth of his rivals. In the end there remained only four: the she-wolf, the young leader, the one-eyed one, and the ambitious three-year-old.

The she-wolf had by now developed a ferocious temper. Her three suitors all bore the marks of her teeth. Yet they never replied in kind, never defended themselves against her. They turned their shoulders to her most savage slashes, and with wagging tails and mincing steps strove to placate her wrath. But if they were all mildness toward her, they were all fierceness toward one another. The three-year-old grew too ambitious in his fierceness. He caught the one-eyed elder on his blind side and ripped his ear into ribbons. Though the grizzled old fellow could see only on one side, against the youth and vigor of the other he brought into play the wisdom of long years of experience. His lost eye and his scarred muzzle bore evidence to the nature of his experience. He had survived too many battles to be in doubt for a moment about what to do.

The battle began fairly, but it did not end fairly. There was no telling what the outcome

would have been, for the third wolf joined the elder, and together, old leader and young leader, they attacked the ambitious three-year-old and proceeded to destroy him. He was beset on either side by the merciless fangs of his erstwhile comrades. Forgotten were the days they had hunted together, the game they had pulled down, the famine they had suffered. That business was a thing of the past. The business of love was at hand- even a sterner and crueller business than that of food-getting...

And in the business of love the three-year-old who had made this his first adventure upon it yielded up his life. On either side of his body stood his two rivals. They were gazing at the she-wolf, who sat smiling in the snow. But the elder leader was wise, very wise, in love even as in battle. The younger leader turned his head to lick a wound on his shoulder. The curve of his neck was turned toward his rival. With his one eye the elder saw the opportunity. He darted in low and closed with his fangs. It was a long, ripping slash, and deep as well. His teeth, in passing, burst the wall of the great vein of the throat. Then he leaped clear.

The young leader snarled terribly, but his snarl broke midmost into a tickling cough. Bleeding and coughing, already stricken, he sprang at the elder and fought while life faded from him, his legs going weak beneath him, the light of day dulling on his eyes, his blows and springs falling shorter and shorter...

When the young leader lay in the snow and moved no more, One Eye stalked over to the she-wolf. His carriage was one of mingled triumph and caution. He was plainly expectant of a rebuff, and he was just as plainly surprised when her teeth did not flash out at him in anger. For the first time she met him with a kindly manner. She sniffed noses with him, and even condescended to leap about and frisk and play with him in quite puppyish fashion. And he, for all his gray years and sage

experience, behaved quite as puppyishly and even a little more foolishly.

41. How many wolves are in the pack?
 - A) Twenty
 - B) Ten
 - C) Three
 - D) Fifty
 - E) Forty
42. When does this story take place?
 - A) Spring
 - B) Summer
 - C) Fall
 - D) Winter
43. What are the two main conflicts in this story?
 - A) Famine and love
 - B) Famine and status
 - C) Status and disease
 - D) Disease and war
 - E) War and peace
44. How did the three-year-old wolf die?
 - A) He died of starvation
 - B) The she-wolf attacked him
 - C) The two other male wolves attacked him together
 - D) He was killed by the moose
 - E) He got lost in the forest
45. How did the older leader kill the young leader?
 - A) The older attacked when the younger was not paying attention
 - B) The older led the younger astray in the forest
 - C) The older betrayed the younger by siding with the three-year-old
 - D) The older rallied the she-wolf to his side
 - E) The older intimidated the younger into surrender

Reading

The Lion, the Witch, and the Wardrobe

C.S. Lewis

(excerpt, 1950)

"But what are you?" said the Queen again.

"Are you a great overgrown dwarf that has cut off its beard?"

"No, your Majesty," said Edmund, "I never had a beard, I'm a boy."

"A boy!" said she. "Do you mean you are a Son of Adam?"

Edmund stood still, saying nothing. He was too confused by this time to understand what the question meant.

"I see you are an idiot, whatever else you may be," said the Queen. "Answer me, once and for all, or I shall lose my patience. Are you human?"

"Yes, your Majesty," said Edmund.

"And how, pray, did you come to enter my dominions?"

"Please, your Majesty, I came in through a wardrobe."

"A wardrobe? What do you mean?"

"I - I opened a door and just found myself here, your Majesty," said Edmund.

"Ha!" said the Queen, speaking more to herself than to him. "A door. A door from the world of men! I have heard of such things. This may wreck all. But he is only one, and he is easily dealt with."

As she spoke these words she rose from her seat and looked Edmund full in the face, her eyes flaming; at the same moment she raised her wand. Edmund felt sure that she was going to do something dreadful but he seemed unable to move. Then, just as he gave

himself up for lost, she appeared to change her mind.

"My poor child," she said in quite a different voice, "how cold you look! Come and sit with me here on the sledge and I will put my mantle round you and we will talk."

Edmund did not like this arrangement at all but he dared not disobey; he stepped on to the sledge and sat at her feet, and she put a fold of her fur mantle round him and tucked it well in.

"Perhaps something hot to drink?" said the Queen. "Should you like that?" "Yes please, your Majesty," said Edmund, whose teeth were chattering.

The Queen took from somewhere among her wrappings a very small bottle which looked as if it were made of copper. Then, holding out her arm, she let one drop fall from it on the snow beside the sledge. Edmund saw the drop for a second in mid-air, shining like a diamond. But the moment it touched the snow there was a hissing sound and there stood a jewelled cup full of something that steamed. The dwarf immediately took this and handed it to Edmund with a bow and a smile; not a very nice smile. Edmund felt much better as he began to sip the hot drink. It was something he had never tasted before, very sweet and foamy and creamy, and it warmed him right down to his toes.

"It is dull, Son of Adam, to drink without eating," said the Queen presently. "What would you like best to eat?"

"Turkish Delight, please, your Majesty," said Edmund.

The Queen let another drop fall from her bottle on to the snow, and instantly there appeared a round box, tied with green silk ribbon, which, when opened, turned out to contain several pounds of the best Turkish

Delight. Each piece was sweet and light to the very centre and Edmund had never tasted anything more delicious. He was quite warm now, and very comfortable.

While he was eating the Queen kept asking him questions. At first Edmund tried to remember that it is rude to speak with one's mouth full, but soon he forgot about this and thought only of trying to shovel down as much Turkish Delight as he could, and the more he ate the more he wanted to eat, and he never asked himself why the Queen should be so inquisitive. She got him to tell her that he had one brother and two sisters, and that one of his sisters had already been in Narnia and had met a Faun there, and that no one except himself and his brother and his sisters knew anything about Narnia. She seemed especially interested in the fact that there were four of them, and kept on coming back to it.

"You are sure there are just four of you?" she asked. "Two Sons of Adam and two Daughters of Eve, neither more nor less?" and Edmund, with his mouth full of Turkish Delight, kept on saying, "Yes, I told you that before," and forgetting to call her "Your Majesty," but she didn't seem to mind now.

At last the Turkish Delight was all finished and Edmund was looking very hard at the empty box and wishing that she would ask him whether he would like some more. Probably the Queen knew quite well what he was thinking; for she knew, though Edmund did not, that this was enchanted Turkish Delight and that anyone who had once tasted it would want more and more of it, and would even, if they were allowed, go on eating it till they killed themselves. But she did not offer him anymore.

46. Who are the characters in this passage?
 - A) Adam, the Queen, and a dwarf
 - B) Edmund, Eve, and a dwarf
 - C) A dwarf, Edmund, and the queen
 - D) Edmund, the Queen, and the Faun
 - E) Edmund, his siblings, and the Queen
47. What is Turkish Delight?
 - A) A type of treat
 - B) A type of drink
 - C) A type of spell
 - D) A type of rug
 - E) A type of animal
48. According to the passage, what features do dwarves have?
 - A) They have bad attitudes
 - B) They have big bellies
 - C) They have short legs
 - D) They have beards
 - E) They have only one set of clothes
49. How many siblings does Edmund have?
 - A) Zero
 - B) One
 - C) Two
 - D) Three
 - E) Four
50. According to Edmund, how did he enter into the Queen's kingdom?
 - A) Through a window
 - B) Through a door
 - C) Through a trail in the forest
 - D) Through dreaming
 - E) Through imagining

Literature

: "The Great Gatsby", F. Scott Fitzgerald

51. Who narrates the story?
A) Daisy
B) Tom
C) Gatsby
D) Nick
52. What is the main difference between West Egg and East Egg?
A) One is larger than the other
B) The shape is slightly different
C) East Egg is more scenic
D) West Egg is the home of the new rich
53. How is Tom portrayed?
A) Effeminate and kind
B) Haughty and masculine
C) Intellectual but unintelligent
D) Sweet, but bad-tempered
54. Why did Nick move East?
A) To become more cultured
B) To see his cousins and friends
C) To make a fortune
D) To satisfy his curiosity
55. What is presented as Daisy's most enticing feature?
A) Her beauty
B) Her figure
C) Her voice
D) Her eyes
56. What is the purpose of Gatsby's parties?
A) To attract Daisy's attentions
B) To satisfy his business dealings
C) To give him something to do
D) To network with the rich people in New York
57. Why does Daisy cry upon entering Gatsby's house?
A) She realizes she is still in love with Gatsby
B) She finally gets to see Gatsby after years of marrying him
C) She sees Gatsby's clothes
D) She is relieved that Gatsby has finally made it
58. How did Gatsby come to make his money?
A) Through Dan Cody
B) Traveling and telling stories
C) His college education at Oxford
D) Shady dealings and organized crime
59. In the first chapter, what does Tom go on a political rant against?
A) The fall of white people
B) Horse-riding and betting
C) World War I
D) Drinking and debauchery
60. What does Daisy feel towards her daughter?
A) Sacrifice
B) Concern
C) Indifference
D) Hatred
61. What does Klipspringer represent?
A) Gatsby's only friend
B) Someone who Nick hates
C) The shallowness of Gatsby's social connections
D) Nothing
62. What is the trait that unites Nick and Gatsby over Tom and Daisy?
A) Sincerity vs. insincerity
B) Shallowness vs. sophistication
C) Humility vs. arrogance
D) Pride vs. prejudice

Dr. Li's English Contest Gr7&8 (Summer 2019)

(No marks on this test. Keep it clean.)

p. 11

63. What is the biggest contrast initially painted between the description of the valley of ashes and Daisy's house?
- A) Lushness vs sparsity
 - B) Sound vs quiet
 - C) Color vs drab
 - D) Industry vs nature
64. The encounter with McKee at the end of the party in New York is glossed over - how does Nick explain this?
- A) Nick fabricated the event for dramatic effect
 - B) Nick is scared of McKee
 - C) Nick claims that he was too drunk to remember details
 - D) Nick dislikes McKee
65. What is ironic about the name-dropping of Gatsby's party attendees?
- A) The names are ridiculous
 - B) Despite so many famous names, none showed at Gatsby's funeral
 - C) They are names of people who aren't even real
 - D) None of them are as high-status as the Buchanans
66. What color does Daisy like to wear?
- A) Yellow
 - B) Black
 - C) Red
 - D) White
67. Daisy's manner of speaking can be described as what?
- A) Truthful
 - B) Dramatic
 - C) Self-satisfied
 - D) Endearing
68. Why was the party that Tom and Daisy attended disappointing for Nick?
- A) Nick's illusion of West Egg was broken by the disdain of the East Eggers
 - B) Tom became physically violent at the party
 - C) The party itself was lame
 - D) So much drinking occurred that guests started to become sick
69. What word best describes Daisy and Gatsby's relationship?
- A) Illusory
 - B) Passionate
 - C) Useful
 - D) Impossible
70. What is Daisy's voice full of?
- A) Light
 - B) Rapture
 - C) Charm
 - D) Money
71. What American symbol figures prominently in the development of the plot?
- A) Jazz
 - B) Big houses
 - C) Cars
 - D) Horses
72. How are lower-class people portrayed in this story?
- A) As interesting, exotic beings
 - B) As pawns used by the rich
 - C) As random characters
 - D) As lacking in depth
73. What lie did Gatsby make to Daisy?
- A) That he was of the same social status
 - B) That he had gone to Oxford
 - C) That he had really loved her
 - D) That he was an ambitious man with potential

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(No marks on this test. Keep it clean.)

p. 12

74. How can we characterize Jordan Baker's involvement in this story?
- A) Important to Nick
 - B) Inconsequential excepting plot development
 - C) As a contrast to a different character
 - D) To show an example of an athlete
75. What word can be used to describe Nick's initial description of Jordan and Daisy?
- A) Flighty
 - B) Fidgety
 - C) Fun
 - D) Floral
76. What is the underlined literary device an example of?
- For a moment a phrase tried to take shape in my mouth and my lips parted like a dumb man's, as though there was more struggling upon them than a wisp of startled air.*
- A) Simile
 - B) Metaphor
 - C) Imagery
 - D) Irony
77. What tense is this sentence in?
- He knew that when he kissed this girl, and forever wed his unutterable visions to her perishable breath, his mind would never romp again like the mind of God.*
- A) Present
 - B) Subjunctive
 - C) Past
 - D) Future
78. What kind of clause is the underlined clause?
- They were careless people, Tom and Daisy—they smashed up things and creatures and then retreated back into their money or their vast carelessness or whatever it was that kept them together, and let other people clean up the mess they had made...*
- A) Independent clause
 - B) Dependent clause
 - C) Appositive clause
 - D) None of the above
79. Which part of speech is the underlined word?
- But there was nothing—only the picture of Dan Cody, a token of forgotten violence staring down from the wall.*
- A) Adjective
 - B) Adverb
 - C) Noun
 - D) Verb
80. What is the tense of this sentence?
- With the influence of the dress her personality had also undergone a change.*
- A) Present
 - B) Future
 - C) Past perfect
 - D) Present perfect

Multiple Choice (30 Questions)

1. Which of the results of the following operations is largest?
A) 280×280
B) 279×281
C) 278×282
D) 277×283
E) 276×284
2. Which made the greatest jump?
A) Jim jumped 2,700 mm
B) Ben jumped 400 cm
C) Sam jumped 2.5 m
D) Jon jumped 300 cm
E) Ali jumped 0.005 km
3. Which of the following operations produces an answer that is a multiple of 3?
A) $101 \times 103 \times 105$
B) $101 \times 103 \times 104$
C) $100 \times 101 \times 103$
D) $100 \times 103 \times 104$
E) $104 \times 106 \times 107$
4. Which of the following may have a result that is not a multiple of 3?
A) the sum of a number and twice its sum of digits
B) the sum of the digits of the number with twice the number
C) the difference of a number and its sum of digits
D) the sum of a number and its sum of digits
E) the sum of a number and eleven times its sum of digits
5. Which of the following operations has an odd result?
A) $(\text{odd} + \text{odd} + \text{odd}) \times (\text{odd} + \text{odd})$
B) $(\text{odd} + \text{odd}) - (\text{odd} + \text{odd})$
C) $(\text{odd} \times \text{odd} + \text{odd}) \times \text{odd}$
D) $\text{odd} \times \text{odd} \times \text{odd} - \text{odd}$
E) $\text{odd} - \text{odd} + \text{odd} - \text{odd} + \text{odd}$
6. A non-leap year has more Sundays than Mondays. The next year starts on a:
A) Monday
B) Saturday
C) Sunday
D) Tuesday
E) Thursday
7. On Jupiter, each day is 10 hours long. If a probe photographed the surface of Jupiter at 5:15 and then again after 7 hours and 50 minutes, what time was the second photograph taken at?
A) 7:50
B) 12:65
C) 13:05
D) 2:05
E) 3:05
8. Ben has twice as many cookies as Anna. Anna has 3 cookies less than Carl. Dave has 1 cookie more than Anna. The total number of cookies they have could be:
A) 39
B) 16
C) 25
D) 37
E) 43

9. 4% of a positive number equals the reciprocal of the number. Which of the following statements is true?
- A) The number is prime.
 - B) The number is even.
 - C) The number is smaller than 1.
 - D) The number is not an integer.
 - E) There are more than one such numbers.

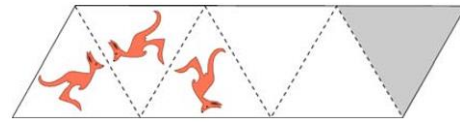
10. Which of the following operations has the largest answer?

- A) $\frac{1}{3} + \frac{1}{7}$
- B) $\frac{1}{3+7}$
- C) $\frac{1}{3} \div \frac{1}{7}$
- D) $\frac{1}{\frac{1}{3} + \frac{1}{7}}$
- E) $\frac{1}{7} \div \frac{1}{3}$

11. Keira multiplied a number by 1000 instead of dividing it by 100. To get the correct answer, she must:
- A) multiply her result by 10
 - B) divide her result by 10
 - C) multiply her result by 0.01
 - D) divide her result by 100000
 - E) divide her result by 0.001

12. A bug moves along the side of a window. Each odd minute it moves 5 inches higher and each even minute it moves 2 inches lower. It starts at the bottom of the window at 10:00 AM. What time will it be when it reaches 23 inches high?
- A) 10:10 AM
 - B) 10:11 AM
 - C) 10:12 AM
 - D) 10:13 AM
 - E) 10:26 AM

13. The picture of a kangaroo in the first (leftmost) triangle was reflected across the dotted lines, as in mirrors. The first two reflections are shown.



What does the reflection look like in the shaded triangle?

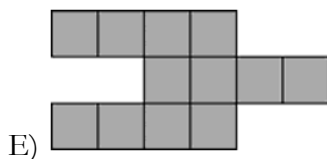
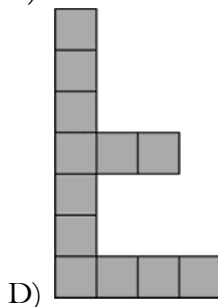
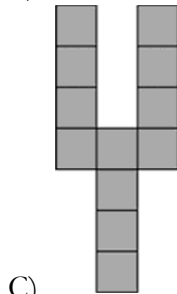
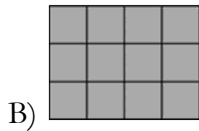
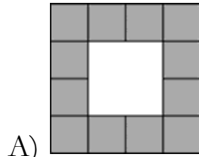
- A)
- B)
- C)
- D)
- E)

14. Tim, Tom and Jim are triplets (three brothers born on the same day), while their brother Carl is 3 years younger. Which of the following numbers could be the sum of the ages of the four brothers? (All ages are rounded to a whole year).
- A) 53
 - B) 54
 - C) 56
 - D) 59
 - E) 60

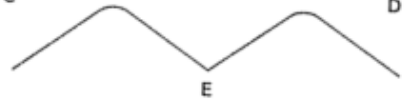
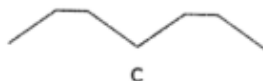
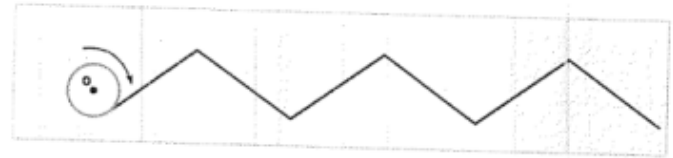
15. Alice has 4 pieces of this shape:



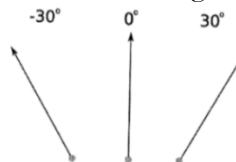
Which picture can she not make from these four pieces?



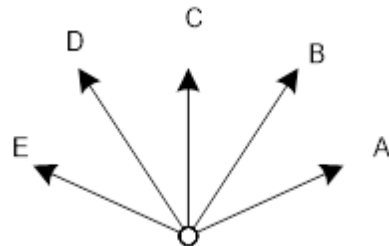
16. A cylinder rolls without sliding on ramps set in a zig-zag, like in the figure. Which choice represents the path traveled by the center of the top of the cylinder?



17. An arrow points upwards. If we say it points to zero, then clockwise rotations are positive and counter-clockwise rotations are negative. For example:



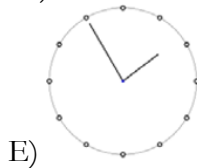
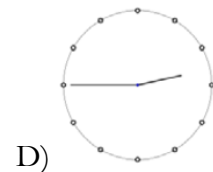
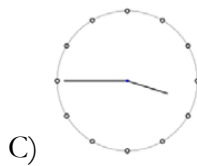
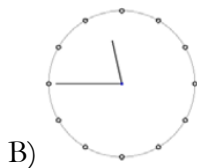
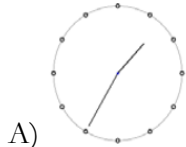
An operation consists of rotating the arrow clockwise by 30° if the operation has an even count, and counterclockwise by 90° , if the operation has an odd count. For example, 3 operations will rotate the arrow by $-90^\circ + 30^\circ - 90^\circ = -150^\circ$. If the arrow points initially directly upwards, what is the result of applying 120 operations?



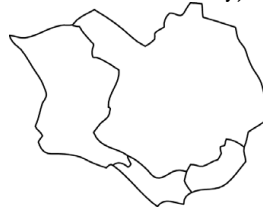
18. Bart is getting his haircut. When he looks in the mirror, the clock on the wall behind him looks like this:



What would he have seen if he had looked in the mirror ten minutes earlier?



19. Julia has four pencils of different colors and wants to use some or all of them to paint the map of an island divided into four countries, as in the picture. Any two countries with a common border must be colored differently on the map. How many different colorings of this map are possible? (Two colorings are considered different if at least one of the countries is colored differently).



- A) 45
B) 48
C) 50
D) 52
E) 54

20. If A, B, C, and D are different digits and the following operation is correct:

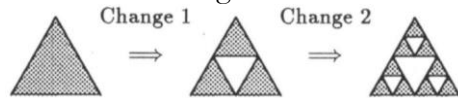
$$\begin{array}{r} \text{A A A} \\ \times \quad \text{B} \\ \hline \text{C C C D} \end{array}$$

what is the digit D?

- A) 0
B) 2
C) 4
D) 6
E) 8

21. Ana's monthly salary was \$2000 in May. In June she received a 20% raise. In July she received a 20% pay cut. After the two changes in June and July, Ana's monthly salary was
 A) \$1920
 B) \$1940
 C) \$1960
 D) \$1980
 E) \$2000
22. A shopper buys a \$120 coat on sale for 20% off. An additional \$6 is taken off the sale price by using a coupon. A sales tax of 8% is paid on the final selling price. The total amount the shopper pays for the coat is
 A) \$81.20
 B) \$87.20
 C) \$91.20
 D) \$95.20
 E) \$97.20
23. Mr. Green receives a 10% raise every year. His salary after 4 such raises has gone up by what percent?
 A) less than 40%
 B) 40%
 C) 44%
 D) 45%
 E) More than 45%
24. Which of the following operations has the same effect on a number as multiplying by $\frac{3}{4}$ and then dividing by $\frac{3}{5}$?
 A) multiplying by $\frac{4}{5}$
 B) multiplying by $\frac{3}{4}$
 C) multiplying by $\frac{5}{3}$
 D) multiplying by $\frac{5}{4}$
 E) multiplying by $\frac{4}{3}$
25. Which of the following could **not** be the unit's digit [one's digit] of the square of a whole number?
 A) 8
 B) 6
 C) 4
 D) 9
 E) 1
26. The value of
$$\frac{(487,000)(12,027,300) + (9,621,001)(487,000)}{(19,367)(.05)}$$
 is closest to
 A) 10,000,000
 B) 100,000,000
 C) 1,000,000,000
 D) 10,000,000,000
 E) 100,000,000,000

27. An equilateral triangle is originally painted black. Each time the triangle is changed, the middle fourth of each black triangle turns white. After five changes, what fractional part of the original area of the black triangle remains black?



- A) $\frac{27}{64}$
 B) $\frac{81}{128}$
 C) $\frac{243}{1024}$
 D) $\frac{729}{2048}$
 E) $\frac{243}{2048}$

30. What is the **tens** digit of 7^{2011} ?

- A) 2
 B) 3
 C) 4
 D) 5
 E) 6

28. The annual incomes of 1,000 families range from \$8200 to \$98,000. In error, the largest income was entered on the computer as \$980,000. The difference between the mean of the incorrect data and the mean of the actual data is

- A) \$852
 B) \$862
 C) \$872
 D) \$882
 E) \$892

29. One proposal for new postage rates for a letter was 30¢ for the first ounce and 22¢ for each additional ounce (or fraction of an ounce). What is the postage for a letter weighing 4.5 ounces?

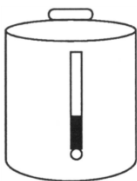
- A) \$1.00
 B) \$1.07
 C) \$1.17
 D) \$1.27
 E) \$1.37

Numerical Response (20 Questions)

31. Abby, Bret, Carl, and Dana are seated in a row on four seats numbered #1 to #4. Joe looks at them and says:
 "Bret is next to Carl."
 "Abby is between Bret and Carl."
 However each one of Joe's statements is false. Bret is actually sitting in seat #3.
 Who is sitting in seat #2?

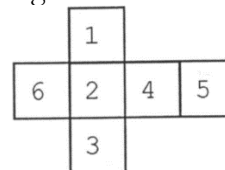
34. Maria buys computer disks at a price of 4 for \$5 and sells them at a price of 3 for \$5. How many computer disks must she sell in order to make a profit of \$100?

32. The glass gauge on a cylindrical coffee maker shows there are 45 cups left when the coffee maker is 36% full. How many cups of coffee does it hold when it is full?



35. For how many positive integer values of N ($N > 0$) is the expression $\frac{36}{N+2}$ an integer?

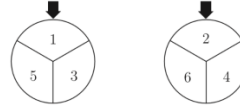
36. The figure may be folded along the lines shown to form a number cube. Three number faces come together at each corner of the cube. What is the largest sum of three numbers whose faces come together at a corner?



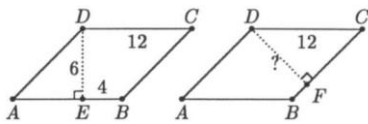
33. Assume every 7-digit whole number is a possible telephone number except those which begin with 0 or 1. What fraction of telephone numbers begin with 9 and end with 0?

37. On average, for every 4 sports cars sold at the local car dealership, 7 sedans are sold. The dealership predicts that it will sell 28 sports cars next month. How many sedans does it expect to sell?

40. The two spinners shown are spun once and each lands on one of the numbered sectors. What is the probability that the sum of the numbers in the two sectors is prime?

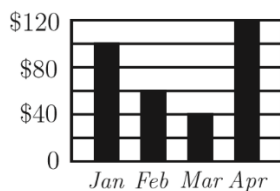


38. In parallelogram $ABCD$, \overline{DE} is the altitude to the base \overline{AB} and \overline{DF} is the altitude to the base \overline{BC} . Both pictures represent the same parallelogram. If $DC = 12$, $EB = 4$ and $DE = 6$, then $D = ?$



41. $\frac{2 - \frac{1}{3}}{3 - \frac{1}{2}} =$

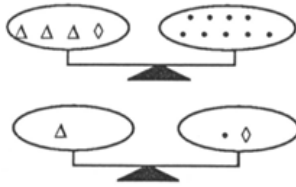
39. Candy sales of the Boosters Club for January through April are shown. What were the average sales per month in dollars?



42. The figure consists of alternating light and dark squares. The number of dark squares exceeds the number of light squares by _____.



43. Three Δ 's and a \diamond will balance nine \bullet 's.
One Δ will balance a \diamond and a \bullet .



How many \bullet 's will balance the two \diamond 's in this balance?



44. Alice needs to replace a light bulb located 10 centimeters below the ceiling in her kitchen. The ceiling is 2.4 meters above the floor. Alice is 1.5 meters tall and can reach 46 centimeters above the top of her head. Standing on a stool, she can just reach the light bulb. What is the height of the stool, in centimeters?

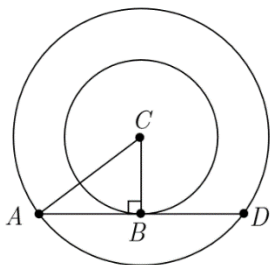
46. Jack had a bag of 128 apples. He sold 25% of them to Jill. Next he sold 25% of those remaining to June. Of those apples still in his bag, he gave the shiniest one to his teacher. How many apples did Jack have then?

47. At the beginning of a trip, the mileage odometer read 56,200 miles. The driver filled the gas tank with 6 gallons of gasoline. During the trip, the driver filled his tank again with 12 gallons of gasoline when the odometer read 56,560. At the end of the trip, the driver filled the tank again with 20 gallons of gasoline. The odometer read 57,064. What was the car's average miles-per-gallon for the entire trip?

45. The number 6545 can be written as a product of a pair of positive two-digit numbers. What is the sum of this pair of numbers?

48. A two-inch cube ($2 \times 2 \times 2$) of silver weighs 3 pounds and is worth \$200. How much is a three-inch cube of silver worth?

49. The two circles pictured have the same center C . Chord \overline{AD} is tangent to the inner circle at B , AC is 10, and chord \overline{AD} has length 16. What is the area between the two circles in terms of π ?



50. $ABCO$ is a rectangle, O is the center of the circle, and B is on the circle. $AB = 4$ and $BC = 3$. Find the consecutive integers which the shaded area lies between.

