Lower Level ISEE Practice Test

## **Lower Level Practice Test**

### Be sure each mark *completely* fills the answer space.

		SECTION 1		
1 (A) (B) (C) (D)	9 (A) (B) (C) (D)	17 (A) (B) (C) (D)	25 (A) (B) (C) (D)	33 (A) (B) (C) (D)
2 A B C D	10 (A) (B) (C) (D)	18 (A) (B) (C) (D)	26 (A) (B) (C) (D)	34 (A) (B) (C) (D)
3 (A) (B) (C) (D)	11 (A) (B) (C) (D)	19 (A) (B) (C) (D)	27 (A) (B) (C) (D)	
4 (A) (B) (C) (D)	12 (A) (B) (C) (D)	20 (A) (B) (C) (D)	28 (A) (B) (C) (D)	
5 A B C D	13 (A) (B) (C) (D)	21 (A) (B) (C) (D)	29 (A) (B) (C) (D)	
6 A B C D	14 (A) (B) (C) (D)	22 (A) (B) (C) (D)	30 (A) (B) (C) (D)	
7 (A) (B) (C) (D)	15 (A) (B) (C) (D)	23 (A) (B) (C) (D)	31 (A) (B) (C) (D)	
8 A B C D	16 (A) (B) (C) (D)	24 (A) (B) (C) (D)	32 (A) (B) (C) (D)	

		SECTION 2		
1 A B C D	9 (A) (B) (C) (D)	17 (A) (B) (C) (D)	25 (A) (B) (C) (D)	33 (A) (B) (C) (D)
2 A B C D	10 (A) (B) (C) (D)	18 (A) (B) (C) (D)	26 (A) (B) (C) (D)	34 (A) (B) (C) (D)
3 A B C D	11 (A) (B) (C) (D)	19 (A) (B) (C) (D)	27 (A) (B) (C) (D)	35 (A) (B) (C) (D)
4 (A) (B) (C) (D)	12 (A) (B) (C) (D)	20 (A) (B) (C) (D)	28 (A) (B) (C) (D)	36 (A) (B) (C) (D)
5 A B C D	13 (A) (B) (C) (D)	21 (A) (B) (C) (D)	29 (A) (B) (C) (D)	37 (A) (B) (C) (D)
6 A B C D	14 (A) (B) (C) (D)	22 (A) (B) (C) (D)	30 (A) (B) (C) (D)	38 (A) (B) (C) (D)
7 (A) (B) (C) (D)	15 (A) (B) (C) (D)	23 (A) (B) (C) (D)	31 (A) (B) (C) (D)	
8 A B C D	16 (A) (B) (C) (D)	24 (A) (B) (C) (D)	32 (A) (B) (C) (D)	

		SECTION 3		
1 (A) (B) (C) (D)	9 (A) (B) (C) (D)	17 (A) (B) (C) (D)	25 (A) (B) (C) (D)	
2 (A) (B) (C) (D)	10 (A) (B) (C) (D)	18 (A) (B) (C) (D)		
3 A B C D	11 (A) (B) (C) (D)	19 (A) (B) (C) (D)		
4 (A) (B) (C) (D)	12 (A) (B) (C) (D)	20 (A) (B) (C) (D)		
5 A B C D	13 (A) (B) (C) (D)	21 (A) (B) (C) (D)		
6 A B C D	14 (A) (B) (C) (D)	22 (A) (B) (C) (D)		
7 (A) (B) (C) (D)	15 (A) (B) (C) (D)	23 (A) (B) (C) (D)		
8 A B C D	16 (A) (B) (C) (D)	24 (A) (B) (C) (D)		

SECTION 4				
1 (A) (B) (C) (D)	9 (A) (B) (C) (D)	17 (A) (B) (C) (D)	25 (A) (B) (C) (D)	
2 A B C D	10 (A) (B) (C) (D)	18 (A) (B) (C) (D)	26 A B C D	
3 (A) (B) (C) (D)	11 (A) (B) (C) (D)	19 (A) (B) (C) (D)	27 (A) (B) (C) (D)	
4 (A) (B) (C) (D)	12 (A) (B) (C) (D)	20 (A) (B) (C) (D)	28 A B C D	
5 A B C D	13 (A) (B) (C) (D)	21 (A) (B) (C) (D)	29 A B C D	
6 A B C D	14 (A) (B) (C) (D)	22 (A) (B) (C) (D)	30 (A) (B) (C) (D)	
7 (A) (B) (C) (D)	15 (A) (B) (C) (D)	23 (A) (B) (C) (D)		
8 A B C D	16 (A) (B) (C) (D)	24 (A) (B) (C) (D)		

## Section 1 **Verbal Reasoning**

### 34 Questions

Time: 20 Minutes

This section is divided into two parts that contain two different types of questions. As soon as you have completed Part One, answer the questions in Part Two. You may write in your test booklet. For each answer you select, fill in the corresponding circle on your answer document.

### Part One - Synonyms

Each question in Part One consists of a word in capital letters followed by four answer choices. Select the one word that is most nearly the same in meaning as the word in capital letters.

### SAMPLE QUESTION:

Sample Answer

AGGRAVATE:

AB D

- (A) apply
- (B) enjoy
- irritate (C)
- (D) present



### Part Two - Sentence Completion

Each question in Part Two is made up of a sentence with one blank. Each blank indicates that a word or phrase is missing. The sentence is followed by four answer choices. Select the one word or phrase that best completes the meaning of the sentence as a whole.

### SAMPLE QUESTIONS:

Sample Answer

(A)(B)(C)

Because Edgar enjoyed seeing new places, every winter he went on a ----- to a place he had never been.

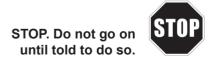
- debate (A)
- (B) puzzle
- (C) restoration
- (D) voyage

Doctors recommend that Americans exercise more in order to stay healthy, but unfortunately many people ----.

- (A) watch, rather than play, professional sports
- do not eat enough fruits and vegetables (B)
- (C) do not choose to follow that advice
- work too many hours to enjoy leisure time (D)

Sample Answer

ABD



### Part One - Synonyms

**Directions:** Select the word that is most nearly the same in meaning as the word in capital letters.

#### 1. BASIN:

- (A) desk
- frame (B)
- (C) mound
- (D) sink

### 2. DRENCH:

- (A) clean
- (B) rain
- (C) soak
- (D) twist

### 3. HASTILY:

- (A) happily
- passively (B)
- quickly (C)
- (D) quietly

### 4. HEAP:

- (A) grain
- (B) imprint
- (C) pile
- volume (D)

### 5. ADORN:

- (A) average
- (B) decorate
- (C) sew
- (D) visit

#### 6. UNFURL:

- (A) close
- (B) flap
- (C) gather up
- (D) spread out

### 7. NOVICE:

- (A) beginner
- (B) player
- (C) sickness
- (D) story

### 8. COMPREHEND:

- (A) compare
- (B) speak
- (C) understand
- (D) wonder

### 9. MALICE:

- (A) fear
- (B) hatred
- (C) joy
- (D) opinion

### 10. UNKEMPT:

- (A) free
- (B) frequent
- (C) messy
- (D) obvious



### 11. RUSE:

- (A) laugh
- partner (B)
- sale (C)
- (D) trick

### 12. OBSOLETE:

- (A) historical
- (B) old-fashioned
- (C) popular
- (D) uncommon

### 13. WILY:

- (A) careful
- (B) crafty
- (C) loud
- thin (D)

### 14. BRITTLE:

- (A) breakable
- (B) lumpy
- (C) sharp
- (D) small

### 15. ORATOR:

- (A) curator
- (B) listener
- (C) orchestra
- (D) speaker

### 16. POLL:

- (A) argument
- (B) discussion
- (C) election
- (D) survey

### 17. PLEA:

- (A) appeal
- (B) explanation
- (C) remark
- (D) response

### Part Two - Sentence Completion

Dire	ctions: Select the word that best completes the se	entence	e.
18.	Sasha's friends think she is outgoing and talkative, but when she meets people for the first time she is often  (A) friendly (B) privileged (C) shy (D) sociable	22.	Scientists spend a lot of time studying ants, bees, and other insects that live and work together in large groups.  (A) aquatic (B) social (C) uninteresting (D) wingless
19.	Ms. Lin reviewed all the essays so that she could each student's writing.  (A) deny (B) emphasize (C) evaluate (D) ignore	23.	Because the domestic cat cleans its fur thoroughly with its rough tongue, it rarely becomes  (A) distracted (B) soiled (C) tidy (D) washed
20.	A snapping turtle's neck can to catch fish far away from its body.  (A) blend (B) extend (C) retract (D) wander  The young man dressed carefully for his ich interview because he wented to	24.	Everyone said Jaquinta was an person because she always asked a lot of questions.  (A) inquisitive (B) intense (C) organized (D) unpredictable
	job interview because he wanted to the interviewer.  (A) annoy (B) discourage (C) employ (D) impress	25.	Although Wanda has taken violin lessons for three years, her is actually to play sports.  (A) possibility (B) preference (C) question (D) routine



- 26. People who obey the law and try not to hurt anyone are not likely to become -----
  - (A) happy
  - (B) infamous
  - (C) quiet
  - (D) serene
- 27. At one time, Western movies were released -----, but now they are hardly ever made.
  - (A) frequently
  - (B) informally
  - (C) quickly
  - (D) seldom
- 28. Mr. Thomas placed celery in colored water in order to ----- the way plants can absorb liquids.
  - (A) compress
  - (B) cover
  - (C) demonstrate
  - (D) ignore
- 29. Most goods were produced in people's homes before industrialization, but as the factory system became common, -----production of goods decreased.
  - (A) domestic
  - (B) energetic
  - (C) foreign
  - (D) high-speed

- 30. Frederick Church built a large Moorish home that was ----- as a visitor came up the long driveway, but came into view suddenly at the end.
  - (A) beautiful
  - (B) concealed
  - (C) uninteresting
  - (D) visible
- 31. To keep Cassidy's baby sister safe once she begins to crawl, her family will -----.
  - take lots of pictures (A)
  - (B) stay close to the ground
  - (C) buy new baby shoes
  - baby-proof the house (D)
- 32. Even though most of the students looked confused, the teacher -----.
  - (A) wondered what she would have for lunch
  - explained the solution to the prob-(B) lem a second time
  - sent a student to the principal's (C) office for misbehaving
  - (D) moved on to a new topic without asking whether anyone had questions



- 33. Although the weather forecast predicted freezing temperatures and wet snow, Jason ----
  - decided to learn how to ski (A)
  - did not wear a coat when he went outside
  - (C) worked twice as hard as he usually
  - (D) put on his favorite wool sweater

- 34. Because Ronnie was terrified of the ocean and never learned to swim, -----.
  - she did not accept an invitation to her friend's beach house
  - her parents never took her on their (B) vacations to Kansas
  - she became an A student and was (C) the president of two clubs
  - her brother decided to try out for (D) the Olympic swimming team

## Section 2 **Quantitative Reasoning**

38 Questions

Time: 35 Minutes

Each question consists of a word problem followed by four answer choices. Read each question and then decide which one of the four suggested answers is best.

Find the row of spaces on your answer document that has the same number as the question. In this row, mark the space having the same letter as the answer you have chosen. You may write in your test booklet.

**EXAMPLE 1:** 

What is the value of the expression

 $6 + (8 \div 2)$ ?

- (A) 2 + 5
- (B)  $2 \times 5$
- (C) 3 + 4
- (D)  $3 \times 4$

The correct answer is 10, so circle B is darkened.

**EXAMPLE 2:** 

Which could be the dimensions of a rectangle with an area of 34 cm<sup>2</sup>?

- (A)  $2 \text{ cm} \times 17 \text{ cm}$
- (B)  $3 \text{ cm} \times 12 \text{ cm}$
- (C)  $4 \text{ cm} \times 8 \text{ cm}$
- (D)  $5 \text{ cm} \times 7 \text{ cm}$

The correct answer is  $2 \text{ cm} \times 17 \text{ cm}$ , so circle A is darkened.

Sample Answer

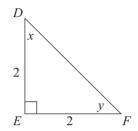
 $A \bigcirc C \bigcirc D$ 

Sample Answer

 $\blacksquare$ BCD

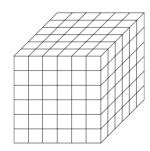
STOP. Do not go on until told to do so.

- 1. Which is seven hundred ninety thousand twelve?
  - (A) 7,912
  - (B) 79,012
  - 709,012 (C)
  - 790,012 (D)



- 2. Which of the following must be true of triangle DEF above, which is drawn to scale?
  - (A) x = 45
  - (B)  $\overline{DF} = 2$
  - (C)  $\overline{DF} = 4$
  - (D) x + y > 90
- 3. Which number shows 9 in the thousands place?
  - (A) 1,039
  - 7,920 (B)
  - (C) 9,437
  - (D) 94,016

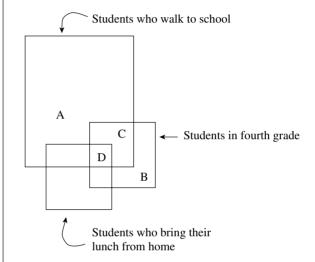
- 4. Which of the following is the product of two distinct prime numbers?
  - (A) 1
  - (B) 4
  - (C) 8
  - (D) 14
- 5. Which is the smallest fraction?
  - (A)
  - (B)
  - (C)
  - (D)



- 6. The number of smaller cubes that make up the solid object above is
  - 36 (A)
  - (B) 108
  - 216 (C)
  - (D) 46,656

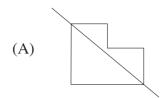
- 7. It takes Ms. Weiss ten minutes to drive 4 miles. If she continues to drive at the same speed for 25 more minutes, how many more miles will she have driven?
  - (A)
  - (B) 10
  - (C) 14
  - 25 (D)
- 8. A painter uses 3 gallons of paint to cover 2 square yards on the inside of a house. How many gallons will it take for him to cover a wall that is 12 feet tall and 60 feet long? Note: 3 feet = 1 yard.
  - 40 (A)
  - (B) 120
  - (C) 180
  - (D) 240
- 9. Which of the following is equal to  $\frac{1}{6}$ ?
  - $\frac{3}{6}$ (A)
  - (B)
  - (C)
  - (D)
- 10. When a number is divided by 8, the remainder is 3. Which could be the number?
  - (A) 11
  - (B) 14
  - (C) 17
  - 21 (D)

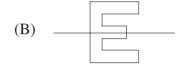
- Which of the following equals 90?
  - (A)  $5 \times 18$
  - (B)  $5 \times 16$
  - $4 \times 15$ (C)
  - (D)  $9^{10}$

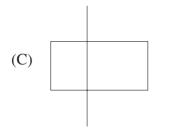


- In which region of the figure above would you find Stephanie, a fourth-grade student who walks to school and buys her lunch in the cafeteria?
  - (A) A
  - (B) В
  - $\mathbf{C}$ (C)
  - (D) D

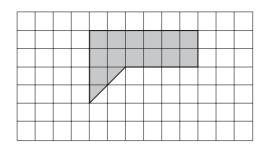
13. Which of the following shows a line of symmetry?











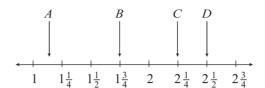
- 14. What is the area of the shaded region in the figure above?
  - (A) 12
  - (B) 13
  - (C) 14
  - (D) 24

$$\frac{16}{\times M}$$

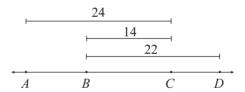
- 15. In the multiplication problem shown above, if A and M represent distinct positive integers, which of the following is the value of A?
  - (A) 0
  - (B) 4
  - (C) 8
  - 9 (D)



- What is the perimeter of rectangle ABCD above?
  - (A) 5
  - 11 (B)
  - (C) 22
  - (D) 24
- 17. Which shows 7 in the hundreds and thousandths places?
  - 2,793.4701 (A)
  - (B) 5,704.2371
  - (C) 7,421.9783
  - 8,072.7634 (D)
- 18. Which is seventy two thousand fourteen?
  - 7,214 (A)
  - 72,014 (B)
  - (C) 72,140
  - 720,014 (D)

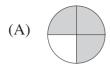


- 19. Which point on the number line above indicates the correct placement of  $\frac{10}{4}$ ?
  - (A) A
  - (B) *B*
  - (C) *C*
  - (D) *D*
- 20. Which of the following is closest in value to 7?
  - (A) 6.8
  - (B) 7.009
  - 7.01 (C)
  - 7.1 (D)



- 21. The length of AD in the figure shown above is
  - (A) 30
  - (B) 32
  - (C) 38
  - (D) 46

22. Which of the following shows threefourths?

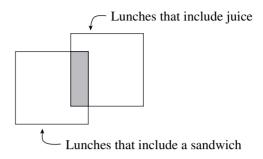








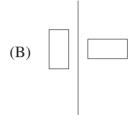
- 23. Which of the following is NOT equal to 16?
  - (A)  $2^2 \times 4$
  - $2^{3}$ (B)
  - (C)  $2^{4}$
  - (D)  $4^2$
- 24. Which is the largest fraction?
  - (A)
  - (B)
  - (C)
  - (D)

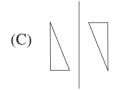


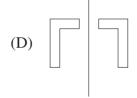
- 25. Which lunch menu can be found in the shaded part of the figure above?
  - (A) Yogurt and soda
  - (B) Ham sandwich and apple juice
  - (C) Pizza and milk
  - (D) Cheese sandwich and water

26. Which of the following shows a reflection?





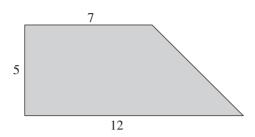




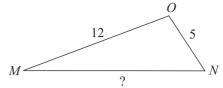
- 27. Which of the following produces a remainder of 3?
  - (A)  $72 \div 9$
  - (B)  $57 \div 6$
  - (C)  $49 \div 9$
  - (D)  $39 \div 7$
- 28. Sam's Pizza uses 24 slices of pepperoni on 8 pieces of pizza. How many slices of pepperoni would be used on 6 pieces of pizza?
  - (A) 3
  - (B) 12
  - (C) 18
  - (D) 48
- 29. Evan is making a quilt out of 6-inch squares of material. How many squares will he need to make a quilt that is 6 feet long and 5 feet wide?

Note: 1 foot = 12 inches.

- (A) 15
- (B) 30
- (C) 60
- (D) 120

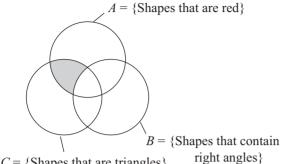


- 30. What is the area of the figure shown above?
  - (A) 24
  - (B) 35
  - (C) 47.5
  - (D) 60
- 31. Which of the following shows 48 as a product of primes?
  - (A)  $3 \times 8$
  - (B)  $2^4 \times 3$
  - (C)  $2^3 \times 6$
  - (D)  $2 \times 3$



Note: Figure not drawn to scale.

- 32. Which of the following CANNOT be the length of side MN in triangle MNO, shown above?
  - 8 (A)
  - (B) 11
  - (C) 16
  - (D) 19
- 33. When a number is divided by 8, the remainder is 2. What is the number?
  - (A) 11
  - (B) 22
  - 72 (C)
  - (D) 90
- 34. What is the perimeter of a square with a side of length 2?
  - (A) 8
  - (B) 6
  - (C) 4
  - (D) 2



- 35. Which of these shapes would fall into the shaded region of the figure shown above?
  - (A) A red right triangle
  - (B) A red equilateral triangle
  - (C) A green rectangle
  - A blue circle (D)

 $C = \{ \text{Shapes that are triangles} \}$ 

- 36. Melissa had 20 words on her spelling test. If she spelled  $\frac{1}{4}$  of the words incorrectly, how many words did she spell correctly?
  - (A) 4
  - (B) 5
  - (C) 15
  - (D) 16

- 37.  $\frac{2}{3} \times \frac{1}{8} =$ 

  - (B)

  - (D)
- The distance from Amy's home to Los Angeles is 2,281 miles. The distance from Dave's house to Los Angeles is 1,912 miles. How much closer is Dave's house to Los Angeles than Amy's house?
  - (A) 379
  - (B) 369
  - (C) 359
  - (D) 269

**RC** 

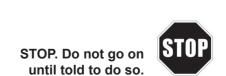
## **Section 3 Reading Comprehension**

### 25 Questions

sage. You may write in the test booklet.

This section contains five short reading passages. Each passage is followed by five questions based on its content. Answer the questions following each passage on the basis of what is stated or implied in that pas-

**Time: 25 Minutes** 



### Questions 1–5

Li	ne
	,,,

"What's that noise?" my brother asked. 1 2 I listened carefully. Just when I thought 3 I heard a small noise, the thunder crashed again. The rain was hitting the roof hard, too, making it difficult to hear anything. "I don't hear it," I said. "What do you mean you don't hear

8 it? It's so loud!" my brother whispered. Then I heard it. It was a click-click-click, and it sounded like it was coming from the bathroom.

"Maybe it's a monster. We should go 12 get Mom," my brother said. I didn't want to be a scaredy-cat, and I knew Mom was probably asleep. Besides, I'd have to walk past the bathroom to get to her.

17 Click-click. I told my brother to 18 go to sleep, but he said, "I can't. We have to see what it is."

"Okay," I said. I pretended I was 21 very brave, and got up and marched to the bathroom. When I saw what was making the noise, I laughed out loud. My brother came running down the hall, asking, "What is it?" Then, he poked his head in the door and 25 looked in the bathtub. There was our dog, Mack. He was so scared of the thunder that he was hiding in the tub! He sat there with his head down, shivering. His toenails went click-click against the ceramic tub as he turned to look at us.

"Poor Mack! He's more scared than 32 we were," I said. We brought Mack into our bedroom and petted him until he stopped 35 shaking. Then, we all went to sleep.

- 1. At the beginning of the story, the narrator's brother thinks the noise is made by
  - (A) a monster
  - (B) his mother
  - (C) the dog
  - (D) the narrator
- 2. When the narrator says, "Besides, I'd have to walk past the bathroom," (lines 15-16), you know that he
  - is afraid of getting in trouble
  - is not familiar with the house (B)
  - (C) is scared to go near the noise
  - (D) would rather go to the kitchen
- 3. In line 21, "marched" most nearly means
  - (A) hopped loudly
  - ran sneakily (B)
  - sang a military song (C)
  - walked with a purpose (D)

- 4. Why does the narrator laugh out loud (line 23) when he gets to the bathroom?
  - (A) He is amused because he sees that it is just the dog making a noise.
  - He is happy that there is nothing making a noise in the bathroom.
  - He is nervous about opening the (C) door.
  - (D) His brother has just told him a good joke.
- 5. According to the passage, the dog was in the bathtub because
  - (A) he needed a bath
  - (B) he was hungry
  - he was trying to hide from the (C) brothers
  - (D) he was trying to hide from the thunder

**B** RC

### Questions 6-10

This story is adapted from an African folktale that explains why the sun and moon are in the sky.

Line

13

Long ago, the sun and the moon and the 25 water all lived on Earth. The sun and moon 26 were married and they were friends with 27 the water. The sun and moon often went to 28 visit the water where he lived, but the water 29 never returned their visits. 30

One day, the moon said to the water, "Why do you never come to visit us?"

The water replied, "My people and I take up a lot of room. I do not think you have enough room in your house for all my people and me. I would like to visit you, but I do not want to crowd your home."

The moon said, "Well, then we shall build a bigger house so that you can visit."

"I would like that," said the water, "but 17 it must be a very big place."

18 So the moon and the sun built a huge 19 palace. It took many months, but finally it 20 was finished. They sent word to the water to 21 come and visit.

The next day, the water came. It stayed outside the gates and called inside. "I have arrived, my friends. Shall I come in?"

The sun and moon said together, "Yes, of course. Come in." So the water came through the gates. So, too, came the fishes and the crabs and the other water-dwelling creatures.

The water filled the palace so much that the sun and moon were forced to move up to the top floor. "Are you sure you want me to continue?" the water asked.

"Of course, come in," said the sun and moon. So the water continued.

Soon the water had filled the house completely, and the sun and moon were perched on the roof. "Are you sure?" asked the water.

40 "Yes, yes. You are welcome here," said 41 the moon and sun. And so the water flowed 42 more, until the moon and sun had to jump 43 into the sky. They have stayed there ever 44 since.

- 6. The primary purpose of this passage is to
  - describe how to build a large and (A) expensive palace
  - describe how water flows in a flood (B)
  - (C) explain how the sun and moon got into the sky
  - provide information about sea crea-(D) tures
- 7. The sun and moon can best be described
  - (A) assertive
  - (B) friendly
  - (C) grumpy
  - (D) selfish
- 8. In the beginning of the story, why does the water never come to visit the sun and moon?
  - The sun and moon have never in-(A) vited the water to their home.
  - (B) The water does not really like the sun and moon.
  - (C) The water lives too far away from the sun and moon to make the trip.
  - The water thinks there is not enough space where the sun and moon live.

- 9. When the water says "my people" in line 9, he is referring to
  - (A) the creatures that live in the trees
  - (B) the creatures that live in the water
  - the sun and the moon (C)
  - (D) the workers who build the palace
- 10. In line 38, "perched" most nearly means
  - (A) got very thirsty
  - laughed heartily (B)
  - looked like a fish (C)
  - (D) sat on the edge

### Questions 11–15

### Line

- Not all bees live in colonies. Some 1 2 bees live all alone in a nest built for one. 3 Most of us, however, when we think of bees 4 and wasps, think of huge groups of insects, 5 working together in a cohesive social 6 unit. The hive is, in many ways, a perfect 7 example of a social system. Inside the hive, 8 bees raise their young and store honey. The 9 queen honeybee, for example, may lay up to 10 1,500 eggs a day in the summer. The drone
- 11 bees mate with the queen and die. The worker bees gather food, care for the hive and the young, and protect the hive. The stored pollen and honey will feed the colony 15 throughout the cold winter months. Inside 16 a hive there is one queen, a few hundred drones, and as many as 40,000 workers. The expression "busy as a bee" is certainly appropriate when you consider the work 20 that bees perform.

- 11. According to the passage, the purpose of the drones is to
  - (A) care for the hive
  - (B) gather food
  - (C) mate with the queen
  - (D) supervise the workers
- 12. According to the passage, the purpose of the honey and pollen is to
  - (A) attract a queen to the hive
  - fertilize flowers (B)
  - provide a place for the queen to lay (C) her eggs
  - (D) provide food for the hive
- 13. According to the passage, the hive is an example of a social system because
  - different members of the hive perform different jobs, yet they work together
  - the queen rules over all the bees (B)
  - (C) there are workers to do all the work
  - there is no conflict in the hive (D)

- 14. The word "cohesive" in line 5 most nearly means
  - (A) connected
  - (B) hardworking
  - sacred (C)
  - (D) sticky
- 15. The tone of the passage is most like that found in a
  - diary entry of a modern naturalist (A)
  - general science textbook (B)
  - laboratory report (C)
  - letter to a friend (D)

### Questions 16-20

### Line

- A wealthy contributor to the arts, 1
- 2 Isabella Stewart Gardner was born in New
- 3 York in 1840. She married John Lowell
- 4 Gardner, a wealthy heir, and settled in
- 5 Boston, Massachusetts. When her only son
- 6 died as a young child, she devoted her life
- 7 to the arts. Assisted by Bernard Berenson,
- 8 a young art critic, she began collecting
- 9 important works of art. After her husband
- 10 died in 1898, she purchased land for the
- 11 construction of a museum and worked for

- 12 years overseeing its creation. She actually
- 13 lived in the museum until her death in 1924.
- 14 Her museum became a gathering place for
- artists, writers, and celebrities. She was
- 16 considered quite eccentric, often shunning
- 17 Boston "society" in favor of more colorful
- characters. She gave her wonderful museum
- to the city of Boston, to be preserved as a
- public museum. Today, if you visit Boston,
- you can admire the work of Isabella Stewart
- 22 Gardner.

- 16. Which title would be most appropriate for the passage?
  - "An Eccentric Woman" (A)
  - "Isabella Stewart Gardner— (B) Museum Maker"
  - "The Beginnings of a Museum" (C)
  - (D) "Two Deaths in a Family"
- 17. In line 17, the word "colorful" most nearly means
  - (A) beautiful
  - brilliant (B)
  - (C) unusual
  - (D) vivid
- 18. The passage suggests that Isabella Stewart Gardner began collecting art
  - (A) after the death of her husband
  - after the death of her son (B)
  - (C) to impress art critics
  - (D) to spend her husband's money

- 19. According to the passage, the museum built by Isabella Stewart Gardner was used for all of the following EXCEPT
  - a place for artists to congregate (A)
  - a place for art to be viewed (B)
  - (C) a school for aspiring artists
  - her home (D)
- 20. The author's attitude toward Isabella Stewart Gardner can best be described as
  - (A) admiring
  - critical (B)
  - (C) jealous
  - (D) skeptical

### Questions 21–25

#### Line

- Charlotte Perkins Gilman lived from 1 2 1860 to 1935. She lived during a time when 3 most women in America and Europe had 4 few educational opportunities. For most of 5 Gilman's life, women could not even vote. 6 Gilman had many ideas for how to improve 7 women's lives.
- 8 Because she grew up in a family that 9 was not wealthy, Gilman read a lot in order 10 to educate herself. When she was eighteen,
- however, she attended the Rhode Island 12 School of Design. She worked her way
- 13 through school by tutoring and teaching.

- Gilman eventually began publishing 14 15 books, articles, poems, and even a monthly
- 16 magazine of her own. She also lectured
- to large groups. Much of her writing and
- speaking focused on allowing women to
- use their natural talents and intelligence by
- giving them access to education and jobs
- that paid well. By offering lots of different
- ideas and ways to change society, Gilman
- helped women gain the right to live full,
- productive lives.

- 21. The primary purpose of the passage is to
  - convince the reader that women are (A) able to work and study outside the home
  - (B) describe how one woman focused on helping to improve others' lives
  - (C) prove that people who are not wealthy can still gain access to education
  - show that everyone needs to find a (D) way to help others
- 22. According to the passage, during Gilman's life women did not have
  - (A) any ideas about how to change things
  - any way to publish their writing (B)
  - a way to travel between America (C) and Europe
  - (D) many options for school and work
- 23. It can be inferred from lines 8–10 that Gilman
  - did not like to read by herself (A)
  - planned to become a writer and (B) speaker when she was young
  - preferred to spend time alone (C)
  - was not able to attend school very (D) often as a child

- The main point of the third paragraph (lines 14-24) is that
  - (A) Gilman enjoyed writing and speaking to large groups
  - Gilman worked to spread ideas (B) about how women could live fuller
  - (C) it was very easy to publish your own magazine at the turn of the century
  - most women did not have access to (D) education and well-paying jobs
- 25. Based on the information in the passage, you could most likely expect one of Gilman's books to be titled
  - (A) Europe: A History
  - Growing Up Rich (B)
  - Why Women Don't Need to Vote (C)
  - (D) Women and Economics



### Section 4 **Mathematics Achievement**

### 30 Questions

**Time: 30 Minutes** 

Each question is followed by four suggested answers. Read each question and then decide which one of the four suggested answers is best.

Find the row of spaces on your answer document that has the same number as the question. In this row, mark the space having the same letter as the answer you have chosen. You may write in your test booklet.

### SAMPLE QUESTION:

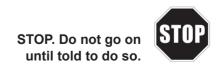
Sample Answer



Which number is divisible by 7 without a remainder?

- (A) 26
- (B) 35
- (C) 18
- (D) 60

The correct answer is 35, so circle B is darkened.



- 1.  $6\frac{1}{2}$  hours is how many minutes more than 5 hours?
  - (A)  $1\frac{1}{2}$
  - (B) 30
  - (C) 60
  - (D) 90
- 2. Which numeral represents twenty-four thousand, six hundred and three?
  - (A) 2,463
  - (B) 20,463
  - (C) 24,603
  - (D) 24,630
- 3.  $\frac{2}{3} + \frac{8}{9} =$ 
  - (A)  $\frac{14}{9}$
  - (B)
  - (C)
  - (D)  $\frac{9}{14}$

Questions 4–6 refer to the pictograph shown below.

### Letters Delivered on Mrs. Adler's **Mail Route**

1010101010 Monday Tuesday PPPP 111111

Note: Each or represents 2 letters.

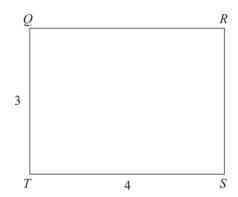
- 4. How many letters did Mrs. Adler deliver on Tuesday?
  - (A) None

Wednesday

- (B) 2
- (C) 3
- (D) 6
- 5. How many more letters did Mrs. Adler deliver on Monday than on Wednesday?
  - (A) 1
  - (B) 2
  - (C) 3
  - (D) 4
- 6. How many letters did Mrs. Adler deliver on Monday and Tuesday?
  - (A) 24
  - (B) 18
  - (C) 16
  - (D)

# MA

- 7. In the decimal 0.42537, the digit 2 is equivalent to which of the following?
  - (A)
  - (B)
  - (C)
  - $\frac{2}{10,000}$ (D)



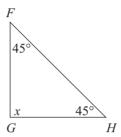
- 8. What is the perimeter of rectangle *QRST* shown above?
  - (A) 7
  - (B) 10
  - (C) 12
  - (D) 14

- - (A) 400
  - (B) 40
  - (C)
  - (D)
- 10.  $3 \times 64 =$ 
  - (A) 128
  - 182 (B)
  - (C) 192
  - (D) 256
- 11.  $3 \times 2 + 4 =$ 
  - 7 (A)
  - (B) 10
  - (C) 14
  - (D) 16
- 12. Wu had 18 marbles. He lost half of them, and then his friend gave him 3 more marbles. How many marbles does Wu have now?
  - (A) 6
  - (B) 9
  - (C) 12
  - (D) 21

School Supplies	
Pad of Paper	\$1.25
Notebook	\$1.50
Box of Pencils	\$2.00
Pens	\$1.00

- 13. Ian visits the store and buys 2 pads of paper, 1 notebook, and 3 boxes of pencils. How much money does he spend?
  - (A) \$10.00
  - (B) \$8.00
  - (C) \$5.75
  - (D) \$4.75
- 14.  $\frac{1}{5} \times 400 =$ 
  - (A) 20
  - (B) 40
  - (C) 80
  - (D) 120
- 15. Evan has 26 comic books. Mark has twice as many comic books as Evan has. How many comic books does Mark have?
  - (A) 13
  - 26 (B)
  - (C) 42
  - (D) 52

- 16. If 12 eggs cost \$1.80, then how much will 36 eggs cost?
  - \$0.60 (A)
  - (B) \$1.80
  - (C) \$3.60
  - (D) \$5.40

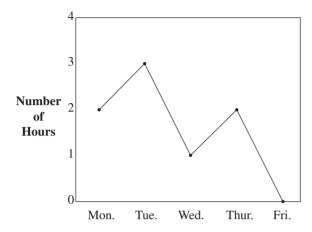


- In triangle *FGH* shown above, the value of angle x in degrees is
  - 30 (A)
  - (B) 45
  - (C) 90
  - (D) 180

# MA

Questions 18–19 refer to the following graph.

**Amount of Time Alicia Spent Doing Homework** 



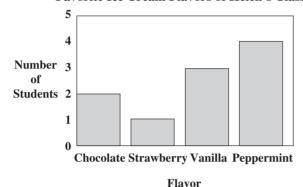
- 18. On which day did Alicia spend the same amount of time doing homework as she spent on Monday?
  - (A) Tuesday
  - Wednesday (B)
  - (C) Thursday
  - (D) Friday
- 19. How many more hours did Alicia spend doing her homework on Tuesday than on Wednesday?
  - (A) 1
  - 2 (B)
  - (C) 3
  - (D) 4

- 20.  $6 \times 20 = 150$ 
  - (A) 130
  - (B) 90
  - (C) 30
  - (D) 10
- 21. Which fraction is less than  $\frac{3}{4}$ ?
  - $\frac{2}{3}$ (A)
  - (B)
  - (C)
  - (D)
- 22. All of the following are multiples of 3 **EXCEPT** 
  - 120 (A)
  - (B) 210
  - 462 (C)
  - 512 (D)



Questions 23–24 refer to the graph shown below.

### **Favorite Ice Cream Flavors of Helen's Class**



23. How many students chose vanilla ice cream as their favorite?

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

24. Which flavor was the favorite of the greatest number of students?

- (A) **Peppermint**
- Vanilla (B)
- (C) Chocolate
- Strawberry (D)

25. If the perimeter of a square is 36, what is the length of one side?

- 6 (A)
- 8 (B)
- (C) 9
- (D) 18

26. If 1 pound = 16 ounces, which of the following is equivalent to 2.5 pounds?

- (A) 18 ounces
- (B) 24 ounces
- (C) 32 ounces
- 40 ounces (D)

27. Jessica worked  $5\frac{1}{2}$  hours on Tuesday and  $3\frac{3}{4}$  hours on Wednesday. How many hours did she work on Tuesday and Wednesday?

- (D)  $9\frac{1}{4}$

Questions 28–30 refer to the price list shown below.

**Fast Ferry Price List** 

	ADULTS	CHILDREN
Weekday Mornings	\$15.00	\$9.00
Weekday Afternoons	\$12.00	\$6.00
Weekends	\$10.00	FREE

- 28. How much will it cost for 2 adults and 1 child to ride the Fast Ferry on a weekday afternoon?
  - (A) \$30.00
  - \$27.00 (B)
  - (C) \$24.00
  - (D) \$18.00
- 29. How much less will it cost 1 adult and 2 children to ride the Fast Ferry on a weekday afternoon than it would cost them to ride on a weekday morning?
  - (A) \$6.00
  - (B) \$8.00
  - (C) \$9.00
  - (D) \$18.00

- 30. The price for 2 adults and 1 child to ride the Fast Ferry on a weekend is what fractional part of the price for 2 adults and 1 child to ride the Fast Ferry on a weekday afternoon?
  - (A)
  - (B)
  - (C)
  - (D)

### **Essay**

You will have 30 minutes to plan and write an essay on the topic printed on the other side of this page. **Do** not write on another topic. An essay on another topic is not acceptable.

The essay is designed to give you an opportunity to show how well you can write. You should try to express your thoughts clearly. How well you write is much more important than how much you write, but you need to say enough for a reader to understand what you mean.

You will probably want to write more than a short paragraph. You should also be aware that a copy of your essay will be sent to each school that will be receiving your test results. You are to write only in the appropriate section of the answer sheet. Please write or print so that your writing may be read by someone who is not familiar with your handwriting.

You may make notes and plan your essay on the reverse side of the page. Allow enough time to copy the final form onto your answer sheet. You must copy the essay topic onto your answer sheet, on page 3, in the box provided.

Please remember to write only the final draft of the essay on pages 3 and 4 of your answer sheet and to write it in blue or black pen. Again, you may use cursive writing or you may print. Only pages 3 and 4 will be sent to the schools.

Directions continue on next page.

**REMINDER:** Please write this essay topic on the first few lines of page 3 of your answer sheet.

### **Essay Topic**

### If you could plan your perfect vacation, what would you do?

- Only write on this essay question
- Only pages 3 and 4 will be sent to the schools
- · Only write in blue or black pen

NOTES


ISEE LL Verbal	ISEE LL	ISEE LL	
1	Quantitative 2		ISEE LL Math 4
1. D	1. D	1. A	1. D
2. C	2. A	2. C	2. C
3. C	3. C	3. D	3. A
4. C	4. D	4. A	4. D
5. B	5. B	5. D	5. B
6. D	6. C	6. C	6. C
7. A	7. B	7. B	7. B
8. C	8. B	8. D	8. D
9. B	9. C	9. B	9. B
10. C	10. A	10. D	10. C
11. D	11. A	11. C	11. B
12. B	12. C	12. D	12. C
13. B	13. B	13. A	13. A
14. A	14. C	14. A	14. C
15. D	15. C	15. B	15. D
16. D	16. C	16. B	16. D
17. A	17. B	17. C	17. C
18. C	18. B	18. B	18. C
19. C	19. D	19. C	19. B
20. B	20. B	20. A	20. C
21. D	21.B	21. B	21. A
22. B	22. A	22. D	22. D
23. B	23. B	23. D	23. C
24. A	24. B	24. B	24. A
25. B	25. B	25. D	25. C
26. B	26. D		26. D
27. A	27. B		27. D
28. C	28. C		28. A
29. A	29. D		29. C
30. B	30. C		30. C
31. D	31.B		
32. D	32. D		
33. B	33. D		
34. A	34. A		
	35. B		
	36. C		
	37. A		
	38. B		