

ISEE PRACTICE TEST 1: LOWER LEVEL

SAMPLE TEST PAPER

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Section 1 Verbal Reasoning

7 Questions Time: 4 minutes

This section has two parts with two different types of question. You may write your answers in your test booklet. To select your answer, fill the corresponding circle in the answer booklet.

Part One - Synonyms

Each question lists a word in capital letters followed by four answer choices. Choose the word from the four choices that is most nearly the same in meaning as the capitalized word.

; :					
SAMPLE QUES	STION:	Sample Answer:			
HEAR' (A) (B) (C) (D)	TFELT: loving insincere unhealthy humorous				

Part Two - Sentence Completion

Each question in this section consists of a sentence with one or two blanks. One blank space indicates that one word is missing. Two blank spaces indicate that two words are missing. There are four choices to select from. Select one word or pair of words that best completes the meaning of the sentence as a whole.

SAMPLE QUESTIONS:	Sample Answer:
She hadn't eaten all day, and by the time she got home she was	$lack B \ lack C \ lack $
(A) confused(B) engaged(C) tactful(D) starving	
Although his father was a king, Cyrus was	Sample Answer: (A) ● (C) (D)
(A) born around 600 BC(B) brought up like the son of a common man(C) husband to Amytis(D) a light sleeper	



Part One - Synonyms

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

1. DETEST:

- (A) argue
- (B) hate
- (C) discover
- (D) reveal

2. FRAUD:

- (A) academic
- (B) argument
- (C) imposter
- (D) clown

3. LUMINOUS:

- (A) bright
- (B) dim
- (C) brittle
- (D) pensive

4. DISCRETE:

- (A) separate
- (B) diminish
- (C) large
- (D) short

5. INTROVERT:

- (A) shy
- (B) brave
- (C) fortuitous
- (D) outgoing



Part Two - Sentence Completion

Directions: Select the word or word pair that best completes the sentence.

- 6. Although he had few supporters among the governing class, _____.
 - (A) he had a very small following.
 - (B) he was able to get the popular vote.
 - (C) Adam was not interested in running a campaign.
 - (D) he often handed his homework in late.

- 7. She couldn't explain the sense that she didn't belong despite _____.
 - (A) the pictures of her and Jonny on the walls and all her things sprinkled around the room.
 - (B) falling down the stairs moments before entering.
 - (C) the disapproving looks from her peers in the room.
 - (D) having been abruptly asked to leave.



Section 4 **Mathematics Achievement**

5 Questions Time: 5 minutes

In this section, read each question and select which one of the four answer choices is best.

You may write in the test booklet. For each question, fill the corresponding circle on your answer document. Check that the row has the same number as the question.

SAMPLE QUESTION:

Sample Answer:

Which number is divisible by 7 without a remainder?









(A) 22

(B) 29

(C) 35

(D) 47

The correct answer is 35, so choice C is darkened.

- 1. Alex wrote down the ages, in years, of seven of his friends:
 - 45, 38, 43, 39, 40, 43, 37

What is the mode of this set of data?

- (A)39
- (B)40
- (C)43
- (D)45
- 2. Use the diagram to answer the question. Jenny has the following set of cards; each of which has a number and a shape drawn on.



If one of the cards is picked up at random, what is the chance that it will have an ODD number drawn on it?

- (A) 1 out of 4
- (B) 1 out of 2
- (C) 3 out of 8
- (D)5 out of 8

- 3. Which decimal is equivalent to $\frac{12}{16}$?
 - (A) 0.12
 - (B) 0.60
 - (C) 0.75
 - (D) 0.80
- 4. $8 \times (\Delta 7) = 96$ What number does Δ stand for?
 - (A) 5
 - (B) 12
 - (C) 19
 - (D)20
- 5. If a square has an area of 36cm, what is its perimeter?
 - (A) 18 cm
 - (B) 20 cm
 - (C) 24 cm
 - (D) 36 cm



ISEE LOWER LEVEL ANSWER SHEET

- Fill circles darkly & completely
 Use a #2 pencil
 If you change your mind, erase markings as completely as possible

VERBAL REASONING				MATHEMATICS ACHIEVEMENT					
1	$A\bigcirc$	В	c 🔾	$D \bigcirc$	1	$A\bigcirc$	В	c 🔾	$D \bigcirc$
2	$A \bigcirc$	$B \bigcirc$	c 🔾	$D \bigcirc$	2	$A\bigcirc$	В	c 🔾	D
3	A 🔾	В	c 🔾	D	3	$A\bigcirc$	В	c 🔾	$D \bigcirc$
4	A 🔾	В	c 🔾	D	4	$A\bigcirc$	В	$c \bigcirc$	$D \bigcirc$
5	$A \bigcirc$	В	$c \bigcirc$	$D \bigcirc$	5	$A\bigcirc$	$B \bigcirc$	$c \bigcirc$	$D \bigcirc$
6	$A\bigcirc$	В	C	$D \bigcirc$					
7	$A\bigcirc$	$B \bigcirc$	$c \bigcirc$	$D \bigcirc$					





ISEE PRACTICE TEST 1: LOWER LEVEL

SAMPLE TEST PAPER:ANSWERS & EXPLANATIONS



SECTION 1: VERBAL REASONING

SYNONYMS

QUESTION 1: **Solution: B** is the correct answer. Detest is a verb, meaning to dislike intensely. Therefore the best answer, B, is "hate".

QUESTION 2: **Solution: C** is the correct answer. Fraud is a noun, meaning wrongful deception intended to result in financial or personal gain. Therefore, answer C, "imposter", meaning a person who pretends to be someone else for fraudulent gain, is the best answer.

QUESTION 3: **Solution:** A is the correct answer. Luminous is an adjective meaning giving off light, or bright. Therefore the best answer, A, is "bright".

QUESTION 4: **Solution:** A is the correct answer. Discrete is an adjective meaning individually separate and distinct. Therefore the best answer, A, is "separate".

QUESTION 5: **Solution:** A is the correct answer. Introvert is a noun meaning a shy, reticent person. Therefore the best answer, A, is "shy.

SENTENCE COMPLETION

QUESTION 6: **Solution B** is the best answer. The meaning of the sentence is: "Although he had few supporters among the governing class, he was able to get the popular vote." The word "Although" is a context clue which implies a contradiction should follow from the statement beforehand (that he didn't have supporters). Only option B implies a contradiction to this.

QUESTION 7: **Solution:** A is the best answer. The meaning of the sentence is: "She couldn't explain the sense that she didn't belong despite the pictures of her and Jonny on the walls and all her things sprinkles around the room." The word "Despite" is a context clue which implies a contradiction should follow from the statement beforehand (that she felt she didn't below). Only option A implies a contradiction to this.



SECTION 4: MATHEMATICS ACHIEVEMENT

QUESTION 1: **The correct answer is C**; 43. To find the **mode**, identify which value in the data set occurs most often. The age "43" appeared twice in the data set, whereas every other age only appears once. Therefore 43 is the mode.

QUESTION 2: **The correct answer is D**; 5 out of 8. There are 8 cards in total. Only 5 of these have ODD numbers written on them; 3, 5, 7, 9 and 9:



We can express this as a fraction $\frac{5}{8}$

QUESTION 3: The correct answer is C; 0.75.

Simplify the fraction:

$$\frac{12}{16} = \frac{3}{4}$$

Convert to decimal:

$$\frac{3}{4} = \frac{75}{100} = 0.75$$

QUESTION 4: **The correct answer is C**; 19. Substitute 13 for Δ in the equation:

$$8 \times (19 - 7) = 96$$

 $8 \times (12) = 96$

QUESTION 5: The correct answer is C; 24 cm.

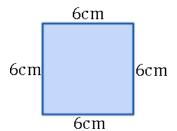
Area of a square = length x width

36 = length x width

Since length and width in a square are equal, we know that they must each = 6

$$36 = 6 \times 6$$

Therefore our square looks like so:



Perimeter of a square = $4 \times \text{side length}$

Perimeter = $4 \times 6 = 24$ cm