



# ISEETESTS.COM

ISEE PRACTICE TEST 1: MIDDLE LEVEL

**SAMPLE TEST PAPER**

Copyright © 2018 by ISEETESTS.COM. All rights reserved. No part of this book may be reproduced, redistributed, or transmitted in any form or by any means, electronic, manual, photocopying, recording or by any information storage and retrieval system, without prior written permission of ISEETESTS.COM.



# ISEETESTS.COM

Thank you for downloading this sample ISEE practice paper from Iseetests.com. We aim to provide you with papers that accurately represent the real ISEE examination.

**This paper is not for multiple students' use. Distributing this download or printed versions of this test to people other than the one student for whom it was purchased is strictly prohibited.** We ask that you respect this policy and help us to remain in business. We would like to keep on producing quality student content for many years to come!

Please contact us at [support@iseetests.com](mailto:support@iseetests.com) if you are interested in securing a license to re-use this test for your school or for private use.

Most importantly, good luck!

Sincerely,

The ISEETESTS.COM Team

- The Independent School Entrance Examination and ISEE are trademarks owned by Educational Records Bureau.

- Test names and other trademarks are the property of the respective trademark holders. None of the trademark holders are affiliated with or sponsored by iseetests.com.



# Section 1

## Verbal Reasoning

**7 Questions****Time: 3.5 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 QUESTION:

HEARTFELT:

- (A) loving
- (B) insincere
- (C) unhealthy
- (D) humorous

Sample Answer:

- (A)  (B)  (C)  (D)

**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:

John decided that the scientific study was \_\_\_\_,  
as it showed a clear preference for one particular outcome.

- (A) reliable
- (B) furtive
- (C) positive
- (D) biased

Sample Answer:

- (A)  (B)  (C)  (D)

The animals and plants that \_\_\_\_\_ the UK represent  
a rich and varied \_\_\_\_\_ on our doorstep.

- (A) decimate . . . lifestyle
- (B) inhabit . . . biodiversity
- (C) penetrate . . . fauna
- (D) elevate . . . culture

Sample Answer:

- (A)  (B)  (C)  (D)



## Part One - Synonyms

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

---

1. ABRIDGE:

- (A) Shorten
- (B) Extend
- (C) Stress
- (D) Easy

2. SHREWD:

- (A) Intractable
- (B) Mean
- (C) Astute
- (D) Intelligent

3. SOLEMN:

- (A) Amusing
- (B) Harmful
- (C) Speech
- (D) Serious

4. FLARE

- (A) Judicial
- (B) Temper
- (C) Style
- (D) Blaze

5. STIGMA

- (A) Stain
- (B) Trial
- (C) Difficulty
- (D) Holiness



## Part Two – Sentence Completion

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

---

6. Long, drift nets were used for mass-scale fishing in the open ocean but caused the death of numerous other animals including sea turtles, whales, seals and dolphins. To stop this from happening, the United Nations \_\_\_\_\_ these nets from being dropped into the ocean.

- (A) Proscribed
- (B) Facilitated
- (C) Edified
- (D) Beguiled

7. Joseph was a dependable man. So much so that, in business, a simple handshake with him was a \_\_\_\_\_ agreement.

- (A) Antipathetic
- (B) Scintillating
- (C) Tactful
- (D) Tacit



## Section 4

# Mathematics Achievement

---

### 5 Questions

**Time: 6 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:**

What is the perimeter of a square that has side length 5 cm?

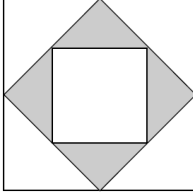
(A) (B) ● (D)

- (A) 10cm
- (B) 15cm
- (C) 20cm
- (D) 25cm

The correct answer is 20cm, so choice C is darkened.



1. What fraction of the shape below is shaded?



- (A)  $\frac{1}{2}$   
(B)  $\frac{1}{4}$   
(C)  $\frac{1}{5}$   
(D)  $\frac{1}{8}$

2. What is the slope of the line  $8x - 5y = -10$ ?

- (A)  $\frac{5}{8}$   
(B)  $\frac{8}{5}$   
(C)  $-5$   
(D)  $8$

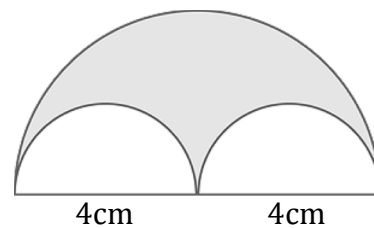
3. The volume of a cube is  $27 \text{ cm}^3$ . What is the surface area of the cube?

- (A)  $3 \text{ cm}^3$   
(B)  $9 \text{ cm}^3$   
(C)  $54 \text{ cm}^3$   
(D)  $81 \text{ cm}^3$

4. In the decimal  $0.020981$ , the digit 9 is equivalent to which of the following:

- (A)  $\frac{9}{100}$   
(B)  $\frac{9}{1000}$   
(C)  $\frac{9}{10,000}$   
(D)  $\frac{9}{100,000}$

5. In the figure below, two semi-circles are inscribed within a larger semi-circle. What is the area of the shaded region? (area of circle =  $\pi r^2$ )



- (A)  $4\pi$   
(B)  $6\pi$   
(C)  $8\pi$   
(D)  $56\pi$



**ISEE MIDDLE LEVEL ANSWER SHEET**

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

**VERBAL REASONING**

- 1 A  B  C  D   
2 A  B  C  D   
3 A  B  C  D   
4 A  B  C  D   
5 A  B  C  D   
6 A  B  C  D   
7 A  B  C  D

**MATHEMATICS ACHIEVEMENT**

- 1 A  B  C  D   
2 A  B  C  D   
3 A  B  C  D   
4 A  B  C  D   
5 A  B  C  D





ISEETESTS.COM



# ISEETESTS.COM

ISEE PRACTICE TEST 1: MIDDLE LEVEL

**SAMPLE TEST PAPER:**  
**ANSWERS & EXPLANATIONS**



## SECTION 1: VERBAL REASONING

### SYNONYMS

QUESTION 1: **Solution: A** is the correct answer. Abridge is being used as a verb, meaning to shorten without losing the sense. The best answer, A, is “shorten”.

QUESTION 2: **Solution: C** is the correct answer. Shrewd is being used as an adjective, meaning having sharp powers of judgement. The best answer, C, is “astute”.

QUESTION 3: **Solution: D** is the correct answer. Solemn is being used as an adjective, meaning formal and dignified. The best answer, D, is “serious”.

QUESTION 4: **Solution: D** is the correct answer. Flare is being used as a noun, meaning a sudden brief burst of bright flame or light. The best answer, D, is “blaze”.

QUESTION 5: **Solution: A** is the correct answer. Stigma is being used as a noun, meaning a mark of disgrace associated with a particular circumstance, quality, or person. The best answer, A, is “stain”.

### SENTENCE COMPLETION

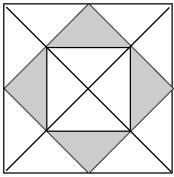
QUESTION 6: **Solution: A** is the best answer because “proscribed” means to forbid, especially by law. The sentence explicitly states that the United Nations is trying to “stop this from happening”. The meaning of the sentence is therefore “To stop this from happening, the United Nations forbade these nets from being dropped into the ocean.”

QUESTION 7: **Solution: D** is the best answer because “tacit” means understood or implied without being stated. The context here, that Joseph was “dependable” suggests that “tacit” is the most appropriate word. The meaning of this sentence is therefore “So much so that, in business, a simple handshake with him was an implied agreement.” “Tactful” means showing sensitivity in dealing with others, which there is no context to suggest that Joseph was.



## SECTION 4: MATHEMATICS ACHIEVEMENT

QUESTION 1: **The correct answer is B;**  $\frac{1}{4}$ . By dividing the shape up into triangles as below, we can see that there are 16 triangles in total, 4 of which are shaded =  $\frac{4}{16} = \frac{1}{4}$ .



QUESTION 2: **The correct answer is B;**  $\frac{8}{5}$ . To find the slope, change the equation to

$y = mx + b$  format:

$$8x - 5y = -10$$

$$-3y = -8x - 10 \quad \text{Subtract } 8x \text{ from both sides}$$

$$y = \frac{8}{3}x + \frac{10}{3} \quad \text{Divide both sides by } -3$$

The slope is the coefficient of  $x$ , which is  $\frac{8}{3}$ .

QUESTION 3: **The correct answer is C;**  $54 \text{ cm}^2$ . If the volume is  $27 \text{ cm}^3$  then the length of each side is the cube root of 27, or 3. The area of one side of the cube is  $3^2$ , or  $9 \text{ cm}^2$ . The surface area of the cube means the area of all six sides of the cube, or  $6 \times 9 = 54 \text{ cm}^2$ .

QUESTION 4: **The correct answer is C;**  $\frac{9}{10,000}$ . This is nine, ten thousandths.

QUESTION 5: **The correct answer is A;**  $4\pi$ . Area of circle =  $\pi r^2$ . The area of a semicircle is half of this:  $\frac{1}{2} \times \text{area of circle} = \frac{1}{2} \times \pi \times r^2$ . The radius of the larger semi-circle is 4cm (half the diameter), which means the area =  $\frac{1}{2} \times \pi \times 4^2 = 8\pi$ . The two smaller semi-circles add together to create a circle of radius 2cm, the area of which =  $\pi \times 2^2 = 4\pi$ . Therefore area of shaded region = area of larger semi-circle - (area of two smaller unshaded semi-circles) =  $8\pi - 4\pi = 4\pi$