

Denning Admission Test (International Foundation)

Time Allowed: 1 hour 30 minutes

Instructions: Attempt all questions. Read each section carefully.

Section 1: English Proficiency & Critical Reading

Read the following passage and answer the questions accordingly:

"The modern workplace is increasingly influenced by automation and artificial intelligence. While these technologies can increase efficiency, they may also lead to job displacement. However, new industries often emerge as older ones fade, offering fresh opportunities for reskilling and growth."

1. What is the author's perspective on technological change in the workplace?
 - A) Entirely negative
 - B) Balanced and forward-looking
 - C) Indifferent
 - D) Overly optimistic
2. What does the passage suggest about employment trends?
 - A) All jobs will be automated
 - B) New industries do not require human labor
 - C) Job displacement is permanent
 - D) Reskilling can open up new opportunities

Read the following passage:

"In recent years, e-learning has transformed how education is delivered. It offers accessibility and flexibility, especially for remote learners. However, concerns remain about screen fatigue and the lack of face-to-face interaction."

3. Which of the following is a drawback of e-learning mentioned in the passage?
 - A) Inflexibility
 - B) Expensive equipment
 - C) Lack of interaction
 - D) Limited internet access
4. What is the main idea of the passage?
 - A) E-learning is better than classroom learning
 - B) Online education has both strengths and limitations
 - C) Traditional education should be eliminated
 - D) Students prefer not to study online
5. Summarize this passage in one sentence:

"Many organizations now adopt hybrid work models, allowing employees to split their time between home and office. This shift supports flexibility but also demands clear communication and strong digital tools."

Ans:

6. Choose the grammatically correct sentence:

- A) Each of the players have a role.
- B) Neither she nor her friends is interested.
- C) There go the boy who sings.
- D) They was very excited.

Section 2: Quantitative & Analytical Reasoning

1. A laptop is priced at \$800. A holiday sale offers a 15% discount. What is the final price?

Ans:

2. 25% of a number is 60. What is the number?

Ans:

3. Solve: $4x - 3 = 2x + 5$

- A) $x = 1$
- B) $x = 2$
- C) $x = 4$
- D) $x = -1$

4. Factor: $x^2 + 2x - 15$

- A) $(x + 5)(x - 3)$
- B) $(x - 5)(x + 3)$
- C) $(x + 5)(x + 3)$
- D) $(x - 5)(x - 3)$

5. If a triangle has sides 6 cm, 8 cm, and 10 cm, is it a right triangle?

- A) Yes, because $6^2 + 8^2 = 10^2$
- B) No, because it does not satisfy Pythagoras' Theorem
- C) Yes, but only if it is isosceles
- D) No, all sides must be equal

6. What is the area of a circle with a radius of 10 cm? (Use $\pi = 3.14$)

- A) 314 cm^2
- B) 157 cm^2
- C) 100 cm^2
- D) 62.8 cm^2

7. If all managers are employees and some employees are interns, what conclusion follows?

- A) All interns are managers
- B) Some interns are not employees
- C) Some interns may be employees
- D) No interns are employees

8. A rectangle has a length twice its width. If the perimeter is 36 cm, what is the length?

Ans:

9. Solve for x: $5(x + 2) = 3x + 20$

- A) $x = 3$
- B) $x = 5$

C) $x = 2$
D) $x = 10$

Section 3: Analytical Essay

Word Limit: 350–450 words

Choose ONE of the following topics and write a well-reasoned essay:

Topic A: Should governments regulate social media platforms to prevent misinformation?

Topic B: Can entrepreneurship be taught, or is it an innate skill?

Topic C: How can sustainability be balanced with economic growth in developing nations?

Section 4: Program-Specific Questions

1. You are comparing two ancient historical sources that offer different accounts of the same event. What is the best way to assess which is more reliable?
A) Choose the one with the more dramatic story
B) Trust the older document without question
C) Examine the sources, bias, and evidence presented in both texts
D) Discard both and make up your own version
2. Why is it important for scientists to replicate experiments in different labs before accepting new discoveries?
A) To keep scientists busy
B) To waste resources and time
C) To verify the results under varying conditions and ensure validity
D) To delay publishing the findings
3. A report states that urban green spaces contribute to better mental health, cleaner air, and stronger community ties. What is the main idea of this report?
A) Urban parks are expensive to maintain
B) Green spaces are essential for urban development
C) Cities should ban construction in all areas
D) Climate doesn't affect mental health
4. A student wants to complete a 10-page research paper over two weeks. What is the most efficient strategy?
A) Write the entire paper the night before the deadline
B) Research for a week, then write two pages per day
C) Watch videos about the topic instead of writing
D) Ask a friend to do it

5. You need to contact a museum director to request permission for an academic interview. What is the most suitable opening?

- A) "Hey, I have some questions, hit me back."
- B) "Hi, are you free?"
- C) "Dear Sir/Madam, I am a university student conducting a research project and would appreciate the opportunity to ask you a few questions."
- D) "Yo, you busy? Need help."

6. A new app asks for access to your contacts, location, and camera before allowing use. What should you do?

- A) Approve everything immediately
- B) Uninstall the app or review its privacy policy first
- C) Post your password in the app's review section
- D) Use a friend's phone instead

7. All fruits in a basket are either red or yellow. You pick a fruit, and it is green. What can you conclude?

- A) The basket rule was incorrect or incomplete
- B) The green fruit must be a vegetable
- C) Your eyes are faulty
- D) Green is just a shade of red

8. Which profession would most likely involve developing legal arguments and interpreting legislation?

- A) Pharmacist
- B) Architect
- C) Lawyer
- D) App developer

9. Which organisation is mainly responsible for overseeing global education and cultural preservation efforts?

- A) FIFA
- B) UNESCO
- C) CDC
- D) WTO

10. A student discovers a classmate has gained access to the answers of an upcoming test. What is the most ethical action to take?

- A) Use the answers to improve your score
- B) Keep quiet to avoid conflict
- C) Report the issue to the instructor or academic office

D) Share the answers with others to even the playing field