



Practice Questions for Otis-Lennon School Ability Test® (OLSAT®)
6th - 8th Grade - Level F
Practice Test 1 - 40 Questions

This practice test contains word and math questions in preparation for the OLSAT® Level F test. To practice figural questions for this test, use the Naglieri Non-Verbal Ability Test (NNAT) 4th - 6th Grade practice questions.

1. Which one doesn't belong?

- | | | | | |
|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| a | s | d | r | f |
| <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

2. The opposite of discord is –

- | | | | |
|-----------------------|-----------------------|-----------------------|-----------------------|
| jarring | cacophony | harmony | noise |
| <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

3. If the words below were put in sentence order, the last word of the sentence would begin with –

interstate the lot the on accident collateral caused damage a of

- | | | | |
|-----------------------|-----------------------|-----------------------|-----------------------|
| a | d | c | i |
| <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

4. Our family was shopping for a used car. We found one that cost \$6700. The car dealer said we could pay for the whole thing in cash or pay \$800 down and the rest in installments of \$290 per month for 24 months on a payment plan. How much more will be paying if we choose the payment plan?

\$875

☐

\$0

☐

\$1060

☐

\$960

☐

5. There can be no laughter without –

voices

☐

jokes

☐

fun

☐

banter

☐

6. What word is spelled correctly?

conscientious

☐

consientious

☐

contientious

☐

consciensious

☐

7. Everest is to mountain as Niles is to ____.

climb

☐

Egypt

☐

river

☐

Amazon

☐

8. Choose the most logical explanation for each passage provided.

1. The woman is not mean, but she inflicts pain several times per day. She wears gloves when she works so she doesn't get blood on her hands.

- a. The woman is a killer.
- b. The woman is a phlebotomist.
- c. The woman is a pharmacist.
- d. The woman is a chemist.

9. Choose the number that comes next in the series.

18 9 6 ?

| | | | |
|-----------------------|-----------------------|-----------------------|-----------------------|
| 5 | 3 | 25 | 0 |
| <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

10. Which one doesn't belong?

| | | | | |
|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| gateway | high-rise | lunchbox | bountiful | lifesaver |
| <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

11. The following columns go together by following the same rule. Determine the rule and find the next number.

| | | | |
|---|---|----|----|
| 6 | 4 | 10 | 12 |
| 8 | 7 | 10 | ? |

| | | | |
|-----------------------|-----------------------|-----------------------|-----------------------|
| 11 | 14 | 15 | 30 |
| <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

12. Alice has one favorite day of the month. The day has an even number. It is less than 28, but more than 14. Its digits do not add up to 7 or 2. It is not evenly divisible by 6. Its digits are not the same. What is Alice's favorite day?

16

☐

20

☐

22

☐

26

☐

13. The opposite of frivolous is –

trivial

☐

sensible

☐

giddy

☐

senseless

☐

14. Choose the word (s) that best completes the sentence.

The leak was related to the ____ plumbing.

arcane

☐

antiquated

☐

deferential

☐

flaccid

☐

15. Which one doesn't belong?

adverse

☐

hostile

☐

antagonistic

☐

conformity

☐

repugnant

☐

16. If the words below were put in sentence order, the first word of the sentence would begin with-

extremely girlfriend's boy was the parents deferential when his meeting new

m
☐

e
☐

t
☐

b
☐

17. Jim's wealthy aunt gave him \$50 on his first birthday. Every year, she doubled the amount she had given him the previous year. How much did she give him on his eighth birthday?

\$3200
☐

\$800
☐

\$6400
☐

\$400
☐

18. Choose the number that belongs in the blank.

8 55 2687

109
☐

1912
☐

384
☐

162
☐

19. Which one doesn't belong?

abstract
☐

amplify
☐

theoretical
☐

conceptual
☐

ideal
☐

20. The opposite of disparity is –

similarity

☐

imbalance

☐

difference

☐

otherness

☐

21. Choose the word (s) that best completes the sentence.

He glanced around in a ____ manner, as if he thought he was being watched.

furtive

☐

frenetic

☐

fastidious

☐

extraneous

☐

22. Choose the word (s) that best completes the sentence.

The pain was ____.

inhibited

☐

indignant

☐

flagrant

☐

excruciating

☐

23. If the words below were put in sentence order, the last word of the sentence would begin with –

neighbors impromptu session the jam garage not was my by appreciated our in

n

☐

s

☐

g

☐

m

☐

24. Chris has three times as many hair ties as Jane. Jane has two-thirds as many hair ties as Bridget. Bridget has 27 hair ties. How many does Chris have?

27

☐

54

☐

18

☐

32

☐

25. There can be no life without –

love

☐

light

☐

breath

☐

death

☐

26. Which of these words do not follow the pattern?

compensate

pay

pay

☐

consecutive

sequential

sequential

☐

contour

outline

outline

☐

coincide

faction

faction

☐

27. Which one doesn't belong?

torturous

☐

agonizing

☐

harrowing

☐

punishing

☐

tortuous

☐

28. Ibuprofen is to headache as nap is to ____.

sleep

☐

happiness

☐

fatigue

☐

sadness

☐

29. Choose the most logical explanation for each passage provided.

2. Their eyes glowed white in the darkness. Everything appeared to be in shades of gray. The old house made strange noises and they were frightened.

- a. They are wearing night vision goggles on a ghost hunt.
- b. They are wearing night vision goggles on a deer hunt.
- c. They are hiding in an old, dark house.
- d. They are hiding and are all color blind.

30. Find the pattern of the rows in the table and determine the missing number.

| | | |
|----|-----|-----|
| 44 | 64 | 16 |
| 28 | 48 | 12 |
| ? | 404 | 101 |

394
☐

384
☐

303
☐

200
☐

31. There can be no anger without –

happiness
☐

emotion
☐

sadness
☐

madness
☐

32. The following words fit together in a certain way. Choose the word that best fits in the blank.

words
numbers

hyphen

split
split

hyphen
☐

decimal
☐

semicolon
☐

multiply
☐

33. Rich is to affluent as poor is to_____.

indigent
☐

thin
☐

modest
☐

wealthy
☐

34. Choose the most logical explanation for each passage provided.

She went into the shop to find something completely new. When she emerged, her best friend almost didn't recognize her.

- a. She bought all new clothes.
- b. She completely changed her fashion style.
- c. She cut and colored her hair differently.
- d. She put on new makeup.

35. Choose the number that belongs next in this series.

17 44 98 ?

100
☐

152
☐

125
☐

206
☐

36. Which one doesn't belong?

indispensable

☐

superfluous

☐

redundant

☐

nonessential

☐

profuse

☐

37. Find the pattern of the rows in the table and determine the missing number.

| | | |
|----|---|----|
| 6 | 2 | 16 |
| 18 | 6 | 48 |
| 9 | 3 | ? |

59

☐

6

☐

18

☐

24

☐

38. Alex is determined to save enough money to buy a guitar for \$325. He has \$57.98 in his bank account and gets paid \$40 per week for his paper route. How many weeks will it take Alex to save enough money for the guitar?

6

☐

7

☐

8

☐

9

☐

39. Which one doesn't belong?

lorry

☐

hamper

☐

petrol

☐

loo

☐

dustbin

☐

40. Jennifer is in charge of making sure there is enough for everyone to have a drink after the soccer game. There are 15 players and 3 coaches. She estimates that each player will drink 16 oz. and each coach will drink 32 oz. She wants to have enough to make sure each person can have one extra drink if they want it. How much does she have to provide?

762 oz.

☐

672 oz.

☐

842 oz.

☐

663 oz.

☐

Answer Key

1. #1 – “a” is the only vowel
2. #3- harmony is the opposite of discord
3. #2 – The accident on the interstate caused a lot of collateral damage.
4. #3-\$1,060 more: $\$290 \times 24 \text{ months} = \$6,960 + 800 = \$7,760$ minus $\$6,700 = \$1,060$
5. #1- voices. You need a voice to laugh.
6. #1- conscientious – the other words are misspelled
7. #3- river. The Everest is a mountain and the Nile is a river.
8. b- A phlebotomist is a person who is trained to draw blood from a patient.
9. #1 – “5” ($\div 3 + 3$) 18 $\div 3 = 6 + 3 = 9$ $\div 3 = 3 + 3 = 6$ $\div 3 = 2 + 3 = 5$
10. #4 – bountiful. All of the other words are compound words.
11. #1 – “11” ($\times \frac{1}{2} + 5$) $12 \div 2 = 6 + 5 = 11$
12. #4- “26” This is the only option that digits do not add to be 7 or 2, the digits are not the same. 26 is also not evenly divisible by 6.
13. #2 “sensible” is the opposite of frivolous. Frivolous is not having a serious purpose or value.
14. #2- “antiquated” which means outdated
15. #4- “conformity” which means complies with standards or rules.
16. #3 - The boy was extremely deferential when meeting his new girlfriend’s parents.
17. #3- “\$6,400” 1 year= \$50; 2 year= \$100; 3 years= \$200; 4 years= \$400; 5 years = \$800; 6 years= \$1,600; 7 years = \$3,200; 8 years= \$6,400
18. #3- “384” ($\times 7 - 1$)
19. #2 – “amplify” which means to increase the volume of. All of the other words have to do with thought.
20. #1- “similarity” which is the state of being similar or resembling. Disparity means a great difference.
21. #1- “furtive” which means attempting to avoid notice or attention, secretive.
22. #4- “excruciating” intensely painful.
23. #1 - The impromptu jam session in my garage was not appreciated by our neighbors.
24. #2-“54” ... $\frac{2}{3}$ of 27 (Bridget’s hair ties)= 18 (Jane’s hair ties).... $18 \times 3 = 54$ (Chris’ hair ties)
25. #3- “breath”
26. #4- “faction” which means dissenting group within an organization; this the opposite of coincide. All of the other sets of words are synonyms.
27. #5- “tortuous” which means complex and lengthy. All the other words are synonyms.
28. #3- “fatigue” which is extreme tiredness.
29. a.- They are wearing night vision goggles on a ghost hunt.
30. #2- ($+ 20 \div 4$) 384 $+ 20 = 404 \div 4 = 101$

31. #2- "emotion" Anger is an emotion.
32. #2- "decimal" splits numbers and hyphens split words
33. #1- "indigent" which means poor or needy
34. #c- "She cut and colored her hair differently."
35. #4 ($x 2 + 10$)... $17 \times 2 = 34 + 10 = 44 \times 2 = 88 + 10 = 98 \times 2 = 196 + 10 = 206$
36. #1- "indispensable" which means absolutely necessary. Indispensable is the opposite of the other words.
37. #4 "24" ($\div 3 \times 8$)... $9 \div 3 = 3 \times 8 = 24$
38. #2 "7" ... $\$325 - \$57.98 = \$267.02 \div 40 = 6.68$ weeks round up to **7 weeks** to save the additional \$267.02
39. #3 – "petrol" This does not fit with the other British English. All the other words that all hold something.
40. #2- 15 players $\times 16$ oz. each drink= 240 oz. 3 coaches $\times 32$ oz. each drink= 96 oz. ... 240 oz. + 96 oz. = 336 oz. ...To ensure there is enough for everyone to have two drinks, 336 oz. $\times 2 = 672$ oz.

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