Practice Questions for Otis-Lennon School Ability Test® (OLSAT®)
6th - 8th Grade - Level F
Practice Test 4 - 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?

deference	disobedience	compliance	submission	docility
O	O	O	O	O

2. Marine biologist is to ocean as Meteorologist is to ___?

space	insects	fossils	science	weather
O	O	O	O	O

3. The opposite of verbose is –

wordy	concise	repetitious	tedious
O	O	O	O

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

Mark was extremely _____ and couldn't find anything.

disorganized	detached	deliberate	abstract
O	O	O	O

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

long practices Kelly after was her exhausted cheerleading always

w	e	p	c
O	O	O	O

6. For their Best Friends Photo, Mike, Sheri, Caden, Julie, and Donna lined up according to height. Julie is taller than Sheri. Donna is the shortest. Two people are between Mike and Sheri. Caden is in the middle. By using first initials, what order were they standing in- tallest to shortest?

SMCJD	MJCSD	JDSCM	DJCMS
O	O	O	O

7. There can be no trees without –

apples	leaves	roots	flowers
O	O	O	O

8. These words are related in a certain way. Which word fits with the group?

seed   dirt   water   ?

evaporation   grow   till   plant
    O   O   O   O

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

The group of kids communicated regularly. None of them knew what the other sounded like and they had never met in person, but they knew each other well enough to speak in code.

a. They are blind.
b. They are communicating on an Internet forum.
c. They are a dance crew.
d. They use signs.

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

20   40   120   440   ?

1540   1520   1720   920
  O   O   O   O

11. Which one doesn't belong?

sincerity   guile   deceit   dishonesty   trickery
    O   O   O   O   O

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

44	64	16
28	48	12
?	404	101

394	303	384	200
O	O	O	O

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

He was charged with a ___ and sent to jail.

premeditate	abomination	felony	analysis
O	O	O	O

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

7.5   16   33   ?

56	70	67	37
O	O	O	O

15. Podiatrist is to feet as neurologist is to ____?

skin	brain	heart	cancer	stomach
O	O	O	O	O

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

3	5	8	1
27	75	192	?

1
O

6
O

3
O

15
O

17. Which one doesn't belong?

accidental
O

deliberate
O

inadvertent
O

heedless
O

negligent
O

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

The soup she made was _____ and _____.

repulsive – inedible
O

robust - shank
O

tangible - trivial
O

sublime - suppressed
O

19. Optimist is to idealist as pessimist is to _____?

defeatist
O

positive
O

half full
O

capitalist
O

democrats
O

20. The opposite of zealous is –

apathetic

avid

dedicated

fervent

O   O   O   O

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

player soccer recognized most the in as the Chad dedicated tournament was

t	r	C	m
O	O	O	O

22. Jacob loves to read. At the beginning of the summer he picked out 26 books that he wanted to read. Altogether, the books had a total of 8528 pages. What is the average number of pages per book?

329	328	228	229
O	O	O	O

23. There can be no winners without –

losers	games	ideas	sports
O	O	O	O

24. Importance is to priority as unimportance is to _____?

proper	significant	exciting	important	insignificant
O	O	O	O	O

25. Jerry suspected his partner at the lemonade stand was stealing some of his profits. He decided to write everything down today to make sure he was getting his fair share. They spent $10.32 on lemons, $7.65 on ice, $4.89 on sugar, $3.99 on cups and the water was free. They used all of their supplies to make the lemonade that they then sold for 75¢ per cup on their busy neighborhood street. They sold 54 cups that day. How much profit did they make?

$16.35 $11.95 $13.65 $12.56
O   O   O   O

26. Continuing with the situation in the above problem (4), Jerry's partner gave him a little more than half of the profits, proving Jerry wrong about the stealing. How much did Jerry get?

$8.18 $5.98 $6.83 $6.28
O   O   O   O

27. The opposite of authentic is –

genuine   fake   trustworthy   credible
O   O   O   O

28. Find the pattern of the column in the table and determine the missing number.

6	10	18
3	5	9
21	23	?

27   2   25   13
O   O   O   O

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

political artwork chose Michael express to his through viewpoint his

a   p   v   M
O   O   O   O

30. There can be no smoke without –

cigarettes   camping   fire   kindling
O   O   O   O

31. These words are related in a certain way. Which word fits with the group?

cubicle   carrels   desk   ?

car   stores   workstation   bulldozer
O   O   O   O

32. Choose the word that is spelled incorrectly.

lightning	maneuver	mischeivous	misspell
O	O	O	O

33. Solo is to music as monologue is to _____.

television	movie	band	drama
O	O	O	O

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

1   21   81   ?

141	261	101	201
O	O	O	O

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

Melody was a little bit afraid. She watched the other woman wield her tools very closely to Melody's face. Some were hot and others were sharp.

a. Melody is at the hair salon.
b. Melody is dreaming.
c. Melody is an artist.
d. Melody is an art teacher.

36. Portrait is to picture as biography is to _____.

magazine	book	novel	play
O	O	O	O

37. Amy has 1800 Facebook friends. She decides that is just way too many and she needs to "unfriend" some of the ones she really isn't interested in. First, she eliminates 25% of her friends. This feels really good, so she drops 10% of those remaining. How many Facebook friends does she have left?

1215	1325	1400	1220
O	O	O	O

38. Medicine is to illness as law is to ____.

police	anarchy	lawyer	doctrine
O	O	O	O

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

Hannah smiles at each person she meets. She talks briefly to each one and looks attentively at each item they present to her. She takes money from them and sometimes gives some of the money back.

a. Hannah is a model.
b. Hannah is a nurse.
c. Hannah is a teacher.
d. Hannah is a cashier.

40. Teresa is standing in line at the bakery. Jen is being waited on right now. Harry is four places behind Jen. Oscar is ahead of Harry and Teresa, but behind Michelle. What order are they in – using their first initial to indicate the person's place in line beginning to end. (LEFT TO RIGHT)

JMOTH	MOTJH	TOMJH	HTOMJ
O	O	O	O

Answer Key

1. #2- "Disobedience" which means refusal to obey rules or someone in authority.
2. #5- "weather" Meteorologists study weather.
3. #2- "Concise" which means saying a lot in few words. Verbose means using more words than necessary to convey a thought.
4. #1- "Disorganized" which means without order and messy.
5. #3 – "p" Kelly was always exhausted after her long cheerleading **p**ractices.
6. #2- " MJCSD" Mike, Julie, Caden, Sheri, Donna
7. #3- "roots" Trees need roots to absorb water and nutrients from the soil and anchor the tree in the ground.
8. #4- "plant"
9. #b- "They are communicating on an internet forum."
10. #3 (-10 x 4) **20** -10= 10...10 x 4 = **40**; 40 - 10 = 30... 30 x 4 = **120**; 120 - 10 = 110...110 x 4 = **440**; 440 – 1 = 430...430 x 4 = **1,720**
11. #1- "Sincerity" which means honesty, truthfulness.
12. #3 "384" (+ 20 then ÷ 4) Add 20 to the first number in the row. Then you divide the second number by 4 to get the 3rd
    First Row: **44** + 20 = **64**...64 ÷ 4 = **16**
    Second Row: **28** + 20 = **48** ...48 ÷ 4 = **12**
    Third Row: work it backwards **101** x 4 = **404**...404 – 20 = **384**
13. #3- "Felony" which is a classification for a serious crime.
14. #3- "67" (+ .5 x 2) **7.5** + .5 = 8... 8 x 2 = **16**; 16 + .5 = 16.5 x 2 = **33** ; 33 + .5 = 33.5 ...33.5 x 2 = **67**
15. #2 "brain" Podiatrists treat conditions of the feet. Neurologists treat conditions of the brain.
16. #3 "3" – The number on top multiplied by itself then multiplied by 3.
    First column: **3** x 3 = 9...9 x 3 = **27**
    Second column: **5** x 5 = 25...25 x 3 = **75**
    Third column: **8** x 8 = 64...64 x 3 = **192**
    Fourth column **1** x 1 = 1...1 x 3 = **3**
17. #2- "Deliberate" which means done consciously and intentionally.
18. #1- "repulsive (intensely disgusting) - inedible (not suitable for eating)"
19. #1- "Defeatist" which is a person who expects or is ready to accept failure.
20. #1- "Apathetic" which means feeling no interest, enthusiasm or concern- indifferent.
21. #1- "t" Chad was recognized as the most dedicated player in the soccer **t**ournament.
22. #2- "328"   8528 pages ÷ 26 books = 328 pages per book
23. #1- "losers" is the best fit for this analogy
24. #5- "Insignificant" which means too small or unimportant to be worth consideration. Something that is insignificant would be considered unimportant.

25. #3- "$13.65" Supplies: $10.32 + $7.65 + $4.89 + $3.99 = $26.85 Sales: $0.75 x 54 = $40.50…$40.50 - $26.85 = **$13.65 profit**
26. #3 -"$6.83" $13.65 ÷ 2 = $6.825… $6.83 is a little more than half of $13.65
27. #2- "Fake" which means not genuine.
28. #1- "27" (down each column x ½ + 18)
    First column: **6** x .5 = **3**…3 + 18 = **21**
    Second column: **10** x .5 = **5**… 5 + 18 = **23**
    Third column: **18** x .5 = **9**…9 + 18 = <u>**27**</u>
29. #4- "M" <u>M</u>ichael chose to express his political viewpoint through his artwork.
30. #3- "fire" There can be no smoke without fire.
31. #3- "workstation" All of the words are types of workstations.
32. #3- "Mischeivous" is misspelled.
33. #4- "drama" A Monologue is a long speech given by one actor. A solo is a piece of music played or sang by a single musician.
34. #2- "261" (+ 6 x 3) **1** + 6 = **7**… 7 x 3 = **21** ; 21 + 6 = 27… 27 x 3 = **81**; 81 + 6 = 87… 87 x 3 = <u>**261**</u>
35. #a- "Melody is at the hair salon."
36. #2- "book" A portrait is a type of picture and a biography is a type of book.
37. #1 - "1215" 1,800 x .75 = 1,350… 1,350 x .9 = **1,215** Facebook friends
38. #2- "Anarchy" which is a state of disorder due to the absence of law.
39. #d- "Hannah is a cashier."
40. #1- "JMOTH" Jen, Michelle, Oscar, Teresa, Harry