

OROMIA DEVELOPMENT ASSOCIATION BOARDING SCHOOL, ADAMA BRANCH



GRADE 12 SCHOLASTIC APTITUDE TEST (SAT) PRACTICE QUESTIONS 1

By: Merga A. Angasu and Girma Hunde

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Mana Barumsaa Bultii Addaa Waldaa Misooma Oromiyaa
Oromia Development Association Special Boarding School

2015/2023 SECOND SEMESTER GRADE 12 SCHOLASTIC APTITUDE TEST PRACTICE

QUESTIONS

PART I: MATHEMATICS

DIRECTION: THIS PAPER CONTAINS SCHOLASTIC APTITUDE TEST PRACTICE QUESTIONS FROM DIFFERENT TOPICS FOR GRADE 12. CHOOSE THE BEST ANSWER FROM THE SUGGESTED OPTIONS.

1. NUMBERS

1. It is being given that $(2^{32} + 1)$ is completely divisible by a whole number. Which of the following numbers is completely divisible by this number?
A. $(2^{16} + 1)$ B. (7×2^{23}) C. $(2^{16} - 1)$ D. $(2^{96} + 1)$
2. What is the unit digit in $\{(6374)^{1793} \times (625)^{317} \times (341^{491})\}$?
A. 0 B. 2 C. 3 D. 5
3. The difference of two numbers is 1365. On dividing the larger number by the smaller, we get 6 as quotient and the 15 as remainder. What is the smaller number?
A. 240 B. 270 C. 295 D. 360
4. If n is a natural number, then $(6n^2 + 6n)$ is always divisible by:
A. 6 only B. both 6 and 12 C. 12 only D. 18 only
5. $476 ** 0$ is divisible by both 3 and 11. The positive digits in the hundred's and ten's places are respectively:
A. 7 and 4 B. 7 and 5 C. 8 and 5 D. None of the above
6. If the number $97215 * 6$ is completely divisible by 11, then the smallest whole number in place of $*$ will be:
A. 3 B. 2 C. 1 D. 5
7. When a number is divided by 13, the remainder is 11. When the same number is divided by 17, then remainder is 9. What is the number?
A. 339 B. 349 C. 369 D. Data inadequate
8. What will be remainder when 17^{200} is divided by 18?
A. 17 B. 16 C. 1 D. 2
9. The sum of how many terms of the series $6 + 12 + 18 + 24 + \dots$ is 1800?
A. 16 B. 24 C. 20 D. 22
10. $\frac{768 \times 768 \times 768 + 232 \times 232 \times 232}{768 \times 768 - 768 \times 232 + 232 \times 232}$ is equal to:
A. 1000 B. 536 C. 500 D. 268
11. If a is 9 more than b , b is 4 more than c , and d is 3 more than c , then what is the positive difference between a and d ?
A. 13 B. 12 C. 11 D. 10

12. The difference between the place values of two sevens in the numeral 69758472 is
 A. 0 B. 6993 C. 699930 D. None of the above
13. If $n = 9 \times 28 \times 26$, which of the following is **NOT** an integer?
 A. $\frac{n}{18}$ B. $\frac{n}{32}$ C. $\frac{n}{21}$ D. $\frac{n}{36}$
14. If $a + b = 10$ and $a - b = 5$, then $a^2 - b^2$ is equal to:
 A. 50 B. $\frac{1}{2}$ C. 5 D. 2
15. Which one of the following is an expression for 3 more than the product of 6 and t ?
 A. $6t + 3$ B. $3t + 6$ C. $t + 9$ D. $18t + 3$
16. If the product of four integers is negative, how many of the integers can be negative at most?
 A. 1 B. 2 C. 3 D. 4
17. In each expression below N represents a negative integer. Which expression could have a negative value?
 A. N^2 B. $6 - N$ C. $-N$ D. $6 + N$
18. If $a + 3b = 13$ and $3a + 3b = 15$, then what is the arithmetic mean of a and b ?
 A. 3.5 B. 3 C. 2.5 D. 2
19. If $7x + 17 = 49$, then what is the value of $\sqrt{7x + 49}$?
 A. 7 B. $4\sqrt{7}$ C. $8\sqrt{5}$ D. 9
20. If $x = 16 \times 7$, which one of the following is **NOT** an integer?
 A. $x \div 2$ B. $x \div 3$ C. $x \div 4$ D. $x \div 7$
21. Divide 64 by a quarter and add 5. What is the resulting number?
 A. 261 B. 256 C. 21 D. 11
22. If $n = 3$, then what is the value of $2^{2n} + 1$?
 A. 13 B. 17 C. 33 D. 65
23. Which one of the following expressions has an even integer value for all integers a and c ?
 A. $8a + 2ac$ B. $3a + 3c$ C. $2a + c$ D. $a + 2c$
24. Three times the first of three consecutive odd integers is 3 more than twice the third. The third integer is:
 A. 9 B. 11 C. 13 D. 15
25. The difference between a two-digit number and the number obtained by interchanging the digits is 36. What is the difference between the sum and the difference of the digits of the number if the ratio between the digits of the number is 1: 2?
 A. 4 B. 8 C. 16 D. None of the above
26. The sum of the squares of three numbers is 138, while the sum of their products taken two at a time is 131. Their sum is:
 A. 20 B. 30 C. 40 D. None of the above
27. In a two-digit, if it is known that its unit's digit exceeds its ten's digit by 2 and that the product of the given number and the sum of its digits is equal to 144, then the number is:
 A. 24 B. 26 C. 42 D. 46
28. A number consists of 3 digits whose sum is 10. The middle digit is equal to the sum of the other two and the number will be increased by 99 if its digits are reversed. The number is:
 A. 253 B. 145 C. 370 D. 352

29. Suppose that $-1 \leq x \leq 0$.

Quantity A	Quantity B
$x^3 + 1$	$x^2 + 2x + 2$

Which one of the following is true?

- A. Quantity A is greater than quantity B.
- B. Quantity A is less than quantity B.
- C. The two quantities are equal.
- D. The relationship cannot be determined from the information given.

30. If x and y are prime numbers greater than 2, which of the following must be **true**?

I. $x + y$ is even.

II. xy is odd.

III. $x^2 - y^2$ is even.

A. I and II only

B. I and III only

C. II and III only

D. I, II, and III

31. Consider the following two quantities.

Quantity A	Quantity B
The number of prime numbers that are divisible by 3.	The number of prime numbers that are divisible by 5.

- A. The two quantities are equal.
- B. Quantity A is less than quantity B.
- C. The relationship cannot be determined from the information given.
- D. Quantity A is greater than quantity B.

32. If $y = \frac{a}{(a+b)}$ and $x = \frac{a}{b}$, what is y in terms of x ?

A. $-\frac{1}{x}$

B. $1 + x$

C. $1 + \frac{1}{x}$

D. $\frac{x}{x+1}$

33. If $x > 0$ and $2x - 1 = \frac{1}{2}(x + 1)$, then $x =$ _____

A. 1

B. $2\sqrt{2}$

C. $\frac{1}{2}$

D. $\sqrt{2}$

2. PROBLEMS ON G.C.F AND L.C.M

34. Find the greatest number that will divide 43, 91 and 183 so as to leave the same remainder in each case.
A. 4 B. 7 C. 9 D. 13
35. The greatest number of four digits which is divisible by 15, 25, 40 and 75 is:
A. 9000 B. 9400 C. 9600 D. 9800
36. The product of two numbers is 4107. If the H.C.F. of these numbers is 37, then the greater number is:
A. 107 B. 101 C. 111 D. 185
37. Three numbers are in the ratio of 3: 4: 5 and their L.C.M. is 2400. Their H.C.F. is:
A. 40 B. 80 C. 120 D. 200
38. The product of two numbers is 2028 and their H.C.F. is 13. The number of such pairs is:
A. 1 B. 2 C. 3 D. 4
39. The least multiple of 7, which leaves a remainder of 4, when divided by 6, 9, 15 and 18 is:
A. 74 B. 94 C. 184 D. 364
40. The least number which should be added to 2497 so that the sum is exactly divisible by 5, 6, 4 and 3 is:
A. 3 B. 13 C. 23 D. 33
41. The least number which when divided by 5, 6, 7 and 8 leaves a remainder 3, but when divided by 9 leaves no remainder, is:
A. 1677 B. 1683 C. 2523 D. 3363
42. A, B and C start at the same time in the same direction to run around a circular stadium. A completes a round in 252 seconds, B in 308 seconds and c in 198 seconds, all starting at the same point. After what time will they again at the starting point?
A. 26 minutes and 18 seconds C. 45 minutes
B. 42 minutes and 36 seconds D. 46 minutes and 12 seconds
43. The greatest possible length which can be used to measure exactly the lengths 7m, 3m, 85cm, 12m and 95cm is:
A. 15 cm B. 25 cm C. 35 cm D. 42 cm
44. If the sum of two numbers is 55 and the H.C.F. and L.C.M. of these numbers are 5 and 120 respectively, then the sum of the reciprocals of the numbers is equal to:
A. $\frac{55}{601}$ B. $\frac{601}{55}$ C. $\frac{11}{120}$ D. $\frac{120}{11}$
45. What will be the least number which when doubled will be exactly divisible by 12, 18, 21 and 30?
A. 196 B. 630 C. 1260 D. 2520
46. What is the greatest common factor of 42, 126 and 210?
A. 6 B. 14 C. 21 D. 42
47. The greatest possible length which can be used to measure exactly the lengths 7 m, 3 m 85 cm, 12 m 95 cm is:
A. 15 cm B. 25 cm C. 42 cm D. 35 cm
48. The H.C.F. of two numbers is 11 and their L.C.M. is 7700. If one of the numbers is 275, then the other is:
A. 279 B. 283 C. 308 D. 318

3. DECIMAL FRACTION

49. Evaluate : $\frac{(2.39)^2 - (1.61)^2}{2.39 - 1.61}$
- A. 2 B. 4 C. 6 D. 8
50. What decimal of an hour is a second?
- A. 0.0025 B. 0.0256 C. 0.00027 D. 0.000126
51. The value of $\frac{(0.96)^3 - (0.1)^3}{(0.96)^2 + 0.096 + (0.1)^2}$ is:
- A. 0.86 B. 0.95 C. 0.97 D. 1.06
52. If $2994 \div 14.5 = 172$, then $29.94 \div 1.45 = ?$
- A. 0.172 B. 1.72 C. 17.2 D. 172
53. The expression $(11.98 \times 11.98 + 11.98 \times x + 0.02 \times 0.02)$ will be a perfect square for x equal to:
- A. 0.02 B. 0.2 C. 0.04 D. 0.4
54. The price of commodity X increases by 40 Birr every year, while the price of commodity Y increases by 15 Birr every year. If in 2001, the price of commodity X was Birr 4.20 and that of Y was Birr 6.30, in which year commodity X will cost 40 Birr more than the commodity Y?
- A. 2010 B. 2011 C. 2012 D. 2013
55. How many digits will be there to the right of the decimal point in the product of 95.75 and .02554?
- A. 5 B. 6 C. 7 D. None of the above
56. 4.036 divided by 0.04 gives :
- A. 1.009 B. 10.09 C. 100.9 D. None of these

4. LOGARITHM

57. Which of the following statements is **not** correct?
- A. $\log_{10} 10 = 1$ C. $\log_{10} 1 = 0$
B. $\log (2 + 3) = \log (2 \times 3)$ D. $\log (1 + 2 + 3) = \log 1 + \log 2 + \log 3$
58. If $\log 2 = 0.3010$ and $\log 3 = 0.4771$, the value of $\log_5 512$ is:
- A. 2.870 B. 2.967 C. 3.876 D. 3.912
59. If $\log \frac{a}{b} + \log \frac{b}{a} = \log(a + b)$, then:
- A. $a + b = 1$ B. $a - b = 1$ C. $a = b$ D. $a^2 - b^2 = 1$
60. If $\log_{10} 2 = 0.3010$, the value of $\log_{10} 80$ is:
- A. 1.6020 B. 1.9030 C. 3.9030 D. None of these
61. If $\log_{10} 5 + \log_{10} (5x + 1) = \log_{10} (x + 5) + 1$, then x is equal to:
- A. 1 B. 3 C. 5 D. 10
62. If $\log_x y = 100$ and $\log_2 x = 10$, then the value of y is:
- A. 2^{10} B. 2^{100} C. 2^{1000} D. 2^{10000}

5. PROBABILITY

63. Tickets numbered 1 to 20 are mixed up and then a ticket is drawn at random. What is the probability that the ticket drawn has a number which is a multiple of 3 or 5?
- A. $\frac{1}{2}$ B. $\frac{2}{5}$ C. $\frac{8}{15}$ D. $\frac{9}{20}$
64. A bag contains 2 red, 3 green and 2 blue balls. Two balls are drawn at random. What is the probability that none of the balls drawn is blue?
- B. $\frac{10}{21}$ B. $\frac{11}{21}$ C. $\frac{2}{7}$ D. $\frac{5}{7}$
65. In a box, there are 8 red, 7 blue and 6 green balls. One ball is picked up randomly. What is the probability that it is neither red nor green?
- A. $\frac{1}{3}$ B. $\frac{3}{4}$ C. $\frac{7}{19}$ D. $\frac{9}{21}$
66. In a class, there are 15 boys and 10 girls. Three students are selected at random. The probability that 1 girl and 2 boys are selected, is:
- A. $\frac{21}{46}$ B. $\frac{25}{117}$ C. $\frac{1}{50}$ D. $\frac{3}{25}$
67. In a lottery, there are 10 prizes and 25 blanks. A lottery is drawn at random. What is the probability of getting a prize?
- A. $\frac{1}{10}$ B. $\frac{2}{5}$ C. $\frac{2}{7}$ D. $\frac{5}{7}$
68. A bag contains 4 white, 5 red and 6 blue balls. Three balls are drawn at random from the bag. The probability that all of them are red, is:
- A. $\frac{1}{22}$ B. $\frac{3}{22}$ C. $\frac{2}{91}$ D. $\frac{2}{77}$
69. Two cards are drawn together from a pack of 52 cards. The probability that one is a spade and one is a heart, is:
- A. $\frac{3}{20}$ B. $\frac{29}{34}$ C. $\frac{47}{100}$ D. $\frac{13}{102}$
70. One card is drawn at random from a pack of 52 cards. What is the probability that the card drawn is a face card (Jack, Queen and King only)?
- A. $\frac{1}{13}$ B. $\frac{3}{13}$ C. $\frac{1}{4}$ D. $\frac{9}{52}$
71. From a group of 7 men and 6 women, five persons are to be selected to form a committee so that at least 3 men are there on the committee. In how many ways can it be done?
- A. 756 B. 564 C. 645 D. 735
72. In how many different ways can the letters of the word 'LEADING' be arranged in such a way that the vowels always come together?
- A. 360 B. 480 C. 720 D. 5040
73. Out of 7 consonants and 4 vowels, how many words of 3 consonants and 2 vowels can be formed?
- A. 210 B. 1050 C. 25200 D. 21400

74. In how many ways can the letters of the word 'LEADER' be arranged?
 A. 72 B. 144 C. 360 D. 720
75. In how many different ways can the letters of the word 'DETAIL' be arranged in such a way that the vowels occupy only the odd positions?
 A. 32 B. 48 C. 36 D. 60
76. In how many ways can a group of 5 men and 2 women be made out of a total of 7 men and 3 women?
 A. 63 B. 90 C. 126 D. 135

6. RATIO AND PROPORTION

77. A and B together have Birr 1210. If $\frac{4}{15}$ of A's amount is equal to $\frac{2}{5}$ of B's amount, how much amount does B have?
 A. Birr 460 B. Birr 484 C. Birr 550 D. Birr 664
78. Two numbers are respectively 20% and 50% more than a third number. The ratio of the two numbers is:
 A. 2 : 5 B. 3 : 5 C. 4 : 5 D. 6 : 7
79. A sum of money is to be distributed among A, B, C, D in the proportion of 5: 2: 4: 3. If C gets Birr 1000 more than D, what is B's share?
 A. Birr 500 B. Birr 1500 C. Birr 2000 D. None of the above
80. Seats for Mathematics, Physics and Biology in a school are in the ratio 5: 7: 8. There is a proposal to increase these seats by 40%, 50% and 75% respectively. What will be the ratio of increased seats?
 A. 2: 3: 4 B. 6: 7: 8 C. 6: 8: 9 D. None of the above
81. The ratio of the number of boys and girls in a college is 7: 8. If the percentage increase in the number of boys and girls be 20% and 10% respectively, what will be the new ratio?
 A. 8 : 9 B. 17 : 18 C. 21 : 22 D. Cannot be determined
82. In a mixture 60 litres, the ratio of milk and water 2: 1. If this ratio is to be 1: 2, then the quantity of water to be further added is:
 A. 20 litres B. 30 litres C. 40 litres D. 60 litres
83. Salaries of Motu and Samira are in the ratio 2: 3. If the salary of each is increased by Birr 4000, the new ratio becomes 40: 57. What is Samira's salary?
 A. Birr 17,000 B. Birr 20,000 C. Birr 25,500 D. Birr 38,000
84. The sum of three numbers is 98. If the ratio of the first to second is 2 :3 and that of the second to the third is 5 : 8, then the second number is:
 A. 20 B. 30 C. 48 D. 58
85. If Birr 782 be divided into three parts, proportional to $\frac{1}{2} : \frac{2}{3} : \frac{3}{4}$, then the first part is:
 A. Birr 182 B. Birr 190 C. Birr 196 D. Birr 204
86. The salaries A, B, C are in the ratio 2: 3: 5. If the increments of 15%, 10% and 20% are allowed respectively in their salaries, then what will be new ratio of their salaries?
 A. 3: 3: 10 B. 10: 11: 20 C. 23: 33: 60 D. Cannot be determined
87. The fourth proportional to 5, 8, 15 is:
 A. 18 B. 24 C. 19 D. 20

7. ODD ONE OUT

Direction: Find the odd one out.

88. 3, 5, 11, 14, 17, 21

- A. 21 B. 17 C. 14 D. 3

89. 8, 27, 64, 100, 125, 216, 343

- A. 27 B. 100 C. 125 D. 343

90. 396, 462, 572, 427, 671, 264

- A. 396 B. 427 C. 671 D. 264

91. 6, 9, 15, 21, 24, 28, 30

- A. 28 B. 21 C. 24 D. 30

92. 1, 4, 9, 16, 23, 25, 36

- A. 9 B. 23 C. 25 D. 36

93. 1, 4, 9, 16, 20, 36, 49

- A. 1 B. 9 C. 20 D. 49

94. 2, 5, 10, 17, 26, 37, 50, 64

- A. 50 B. 26 C. 37 D. 64

95. 10, 14, 16, 18, 21, 24, 26

- A. 26 B. 24 C. 21 D. 18

96. 16, 25, 36, 72, 144, 196, 225

- A. 36 B. 72 C. 196 D. 225

97. 331, 482, 551, 263, 383, 362, 284

- A. 263 B. 383 C. 331 D. 551

98. 835, 734, 642, 751, 853, 981, 532

- A. 751 B. 853 C. 981 D. 532

99. 41, 43, 47, 53, 61, 71, 73, 81

- A. 61 B. 71 C. 73 D. 81

100. 3, 5, 7, 12, 17, 19

- A. 19 B. 17 C. 5 D. 12

PART II: ENGLISH

DIRECTION: For questions 1-5, find out the pair that has the same relationship as the original pair given in the question.

1. Economize: Less
A. Congratulate: Grief
B. Supersize: High
C. Particular: General
D. Worthless: Significant
2. Insane: Mindful
A. Dissemination: Propagation
B. Wise: Witty
C. Considerate: Cruel
D. Standard: Parameter
3. Pay: Fine
A. Do: Trouble
B. Take: Cold
C. Make: Housework
D. Go: Crazy
4. Imprudent: Silly
A. Engaging: Sustainable
B. Inventory: Express
C. Emphatic: Energetic
D. Optimistic: Gloomy
5. Dog: Kennel
A. Ape: Baby
B. Spider: Web
C. Frog: Croak
D. Crocodile: Hole

DIRECTION: For questions 6-8, choose the word that does not belong in the same classification as the others.

6. Choose the odd one out.
A. strike
B. rap
C. pat
D. tap
7. Choose the odd one out.
A. car
B. bicycle
C. motorcycle
D. jeep
8. Which one is different?
A. rucksack
B. briefcase
C. purse
D. luggage

DIRECTION: For questions 9-11, choose the word that is most nearly OPPOSITE in meaning to the given word.

9. CAUTIOUS
A. Fussy
B. Reckless
C. Nervous
D. Careful
10. SPLENDID
A. Excellent
B. Great
C. Dreadful
D. Marvelous
11. SPARSE
A. Rough
B. Scanty
C. Rare
D. Dense

DIRECTION: For questions 12-14, choose the word that is most nearly SIMILAR in meaning to the given word.

12. PARDON
A. Forgive
B. Forbid
C. Allow
D. Promise
13. ORATOR
A. Addressee
B. Speaker
C. Order
D. Chatter
14. SUPERB
A. Superficial
B. Expensive
C. Superior
D. Excellent

DIRECTION: Read the passage below and choose the best option for questions 15-18 based on the information given in the passage.

A hare was very popular with the other beasts who all claimed to be her friend. But one day she heard the hounds approaching and hoped to escape them with the help of her many friends. "What are friends for," she asked herself, "if not to help out in time of need?" Furthermore, most of her friends were big and brave, so at least one should be able to help. First she went to the horse, and asked him to carry her away from the hounds on his back. But he declined, stating that he had important work to do for his master. "I feel sure," he said, "that all your other friends will come to your assistance." She then applied to the bull, and hoped that he would repel the hounds with his horns. The bull replied: "I am very sorry, but I have an appointment with a lady. However, I feel sure that our friend the goat will do what you want." The goat, however, feared that his back might be harmed if he took her upon it. The ram, he felt sure, was the proper friend to apply to. So she went to the ram and told him the case. The ram replied: "Another time, my dear friend. I do not like to interfere on the present occasion, as hounds have been known to eat sheep as well as hares." The hare then applied, as a last hope, to the calf, who regretted that he was unable to help her. He did not like to take the responsibility upon himself, as so many older persons had declined the task. By this time the hounds were quite near, so the hare had to take to her heels. Luckily, she escaped.

15. The hare was confident she would find a friend to help for all the following reasons except:
- A. she had a wide range of friends.
 - B. she assumed friends were there to help.
 - C. most of her friends were big and strong.
 - D. her friends had promised help whenever she needed it.
16. A suitable moral for this story would be:
- A. having a friend is generally useless.
 - B. rely on your friends in a time of crisis.
 - C. friendship does not exist among animals.
 - D. in a time of crisis, you discover who your true friends are.
17. The ram said to the hare, "Another time, my dear friend." The addressing '**my dear friend**' can be concluded as:
- A. a sincere calling
 - B. a hypocritical one
 - C. an expression of genuine love
 - D. true internal friendliness
18. The story has a _____ ending.
- A. happy
 - B. bad
 - C. sad
 - D. regrettable

DIRECTION: Answer questions 19 & 20 based on the information given in the passage.

With the respect to the higher level comprehension skills, inference making processes occur when the reader combines the ideas communicated in the text with his or her background knowledge to generate information that is not explicitly stated in the text. Good inference making has been demonstrated as a key to text comprehension. Studies on the development of inference making have demonstrated that young children generate similar inferences to those made by adults; however, they tend to do so more slowly than adults. Furthermore, training in inference making can improve the reading comprehension ability of children.

19. The best title for the above paragraph could be:
- A. Combination of ideas in communication
 - B. Training in reference making
 - C. Higher level comprehension skills
 - D. Speed of comprehension of adults and children

Poetry often uses words in unexpected ways. This forces the reader to consider the deeper meanings of words, while also reflecting on the idea that the poet hopes to **get across**. Consider both the words and the ideas in this poem by Sir Walter Scott...

20. What does ‘**get across**’ mean in the above extract?

- A. leave out B. convey C. conceal D. understand

DIRECTION: For questions 21-23, choose the word that correctly completes the analogy.

21. MATHEMATICS is to NUMBERS as HISTORY is to _____.

- A. PEOPLE B. EVENTS C. DATES D. WARS

22. DREAM is to REALITY as FALSEHOOD is to _____.

- A. UNTRUTH B. CORRECTNESS C. FAIRNESS D. TRUTH

23. ELECTRICITY is to WIRE as WATER is to _____.

- A. BOTTLE B. JUG C. RIVER D. PIPE

DIRECTION: Answer questions 24-27 based on the information given (the statements and conclusions that follow).

24. Statements: Some books are sticks. Some sticks are metals. All the metals are cars.

Conclusions:

- I. Some metals are sticks. III. All the books are cars.
II. Some cars are books. IV. Some cars are sticks.
A. Only II and III B. Only III and IV C. Only I and IV D. Only I and II

25. Statements: Some buildings are malls. Some malls are markets. All shops are markets.

Conclusions:

- I. Some markets are not malls.
II. All markets are malls.
A. Only I follows. C. Only II follows.
B. Both I and II follow. D. Neither I nor II follows.

26. Statements: All carbon are oxygen. All Nitrogen are carbon. Some oxygen are Sulphur.

Conclusions:

- I. All Nitrogen being Sulphur is a possibility.
II. All Nitrogen are not oxygen.
A. If only conclusion I follows C. If neither conclusion I nor conclusion II follows
B. If only conclusion II follows D. If both the conclusions follow

27. Statements: Some elephants are gourds. Some gourds are shoes. Some shoes are ants.

Conclusions:

- I. Some elephants are shoes. III. Some ants are shoes.
II. Some gourds are ants. IV. Some ants are gourds.
A. Only I B. Only II C. Only III D. Only IV

Direction: Read the given conditions carefully and answer questions 28-30 accordingly.

28. Which two statements prove that “Demitu is a child”?

- A. Demitu is the little sister of Ayana. C. Demitu lives with her parents.
B. Ayana is 12 years old. D. Ayana is at primary school.
A. A and B B. C and D C. A and C D. B and D

29. Which statements prove that “Chaltu is married”?
- A. Chaltu has two sons. C. Chaltu’s husband is a teacher.
 B. Chaltu is not living with her mother. D. Chaltu is 35.
30. Milkesa finished ahead of Fatuma. Fatuma and Bontu both finished before Lense. Oguma did not finish last. Who was the last to finish?
- A. Fatuma B. Lense C. Bontu D. Oguma

Direction: Answer questions 31-33 based on the following information.

The director of a certain secondary school plans to assign six teachers – Koti, Moti, Nafyad, Furno, Robe, and Seta to give tutorial classes after school from Monday to Saturday according to the following rule:

Moti must be before Robe. Furno must tutor on Tuesday. Koti must tutor on the day immediately before or after Nafyad tutored.

31. If Moti is assigned on Wednesday, Robe cannot be assigned on:
- A. Monday B. Thursday C. Friday D. Saturday
32. Which can be assigned on Monday?
- A. Moti B. Furno C. Robe D. Koti
33. If Nafyad is assigned on Wednesday, Koti is to be assigned on:
- A. Saturday B. Thursday C. Friday D. Mmonday

Direction: Answer questions 34 & 35 based on the following information.

Seven Trains—R, S, T, U, V, W, and X—are to be scheduled for departure, one at a time on the hour, from 6:00 a.m. until 12 noon The schedule must conform to the following requirements:

Train R must depart at 6:00 a.m.

Train V must depart later than Train T, and also later than Train S.

Trains U, W, and X must depart on consecutive hours in that order.

34. If Trains T and U are scheduled to depart at 8:00 a.m. and 9:00 a.m., respectively, Train S must be scheduled to depart at
- A. 6:00 a.m. B. 7:00 a.m. C. 10:00 a.m. D. 12 noon
35. Which of the following must be true about the scheduled order of the Trains?
- A. Train T is scheduled to depart later than Train S.
 B. Train V is scheduled to depart later than Train U.
 C. Train W is scheduled to depart later than Train V.
 D. Train X is scheduled to depart later than Train W.

Read the following sentences and choose the best definition for the words in bold.

36. The designer window treatments in her house, installed 17 years ago were **outmoded**.
- A. unnecessary B. pointless C. out-of-date D. worthless
37. The spies conducted a **covert** operation.
- A. dangerous B. foreign C. hidden D. illegal
38. The football player’s malice toward the referee was revealed in his **spiteful** remarks to the media, which almost ruined the referee’s career.
- A. vindictive B. crazy C. rude D. unpleasant
39. His neighbor’s **superficial** remarks trivialized the property line dispute and infuriated Mideksa.
- A. enraged B. petty C. insulting D. misleading

40. She showed a **blatant** disregard for the rules.
A. obvious B. hidden C. last-minute D. rebellious
41. You cannot become a certified teacher without completing the **prerequisite** student-teaching assignment.
A. required B. optional C. preferred D. advisable
42. Chala, aware of his susceptibility to gum disease, is **diligent** about flossing.
A. uncomfortable B. excited C. thorough D. ambivalent
43. Even though she'd read her supervisor's memo four or five times, she still found his rambling message **ambiguous**.
A. profound B. inspiring C. ridiculous D. unclear
44. The **intermittent** rain soaked the garden many different times during the day.
A. protracted B. periodic C. incredulous D. light
45. I got a **vicarious** thrill watching you on the diving board.
A. shared B. unpleasant C. adventurous D. evil
46. As soon as the details of the election were released to the media, the newspaper was **inundated** with calls—far too many to be handled effectively.
A. provided B. bothered C. rewarded D. flooded
47. The doctor got to the **crux** of the issue.
A. outline B. opposite C. crucial point D. unhealthy
48. The technical department enthusiastically hired Ms. Lelise because she was **proficient** in the use of computers.
A. sincere B. adequate C. competent D. skilled
49. Even under tremendous public pressure, the planning committee would not commit itself wholeheartedly to the proposal and gave only **tentative** approval to the waterfront development plan.
A. provisional B. ambiguous C. unnecessary D. total
50. Since the town's people were so dissatisfied, various methods to **alleviate** the situation were debated.
A. ease B. tolerate C. clarify D. intensify
51. That perfume always **evokes** pleasant memories.
A. angers B. erases C. calls up D. confuses
52. The attorney wanted to **expedite** the process because her client was becoming impatient.
A. accelerate B. evaluate C. reverse D. justify
53. The suspect gave a **plausible** explanation for his presence at the scene, so the police decided to look elsewhere for the perpetrator of the crime.
A. unbelievable B. credible C. insufficient D. apologetic
54. The general public didn't care about the trial and was **apathetic** about the verdict.
A. enraged B. indifferent C. suspicious D. saddened
55. The doctors were pleased that their theory had been **fortified** by the new research.
A. reinforced B. altered C. disputed D. developed
56. The captain often **delegated** responsibility to his subordinates, so as to have time to do the important tasks himself.
A. analyzed B. respected C. criticized D. assigned
57. The news about toxic waste dumping **aroused** the anger of many viewers of the news broadcast.
A. informed B. appeased C. provoked D. deceived

58. The new shipping and receiving building is an **expansive** facility, large enough to meet our growing needs.
A. obsolete B. meager C. spacious D. costly
59. The attorneys were now certain they could not win the case, because the ruling had proved to be so **detrimental** to their argument.
A. decisive B. harmful C. worthless D. advantageous
60. The air in the rainforest was **humid**, making the heat seem even more smothering than before.
A. hot B. damp C. hazy D. volatile
61. After the storm caused raw sewage to seep into the ground water, the Water Department had to take measures to **decontaminate** the city's water supply.
A. refine B. revive C. freshen D. purify
62. Please say something that will **edify** the audience.
A. perplex B. annoy C. instruct D. amuse
63. The volcano lies **dormant** now, but we feel sure that it will erupt again within the year.
A. inactive B. slack C. elevated D. inattentive
64. Because of his disregard for the king's laws, the prince was punished by being **banished** from the kingdom.
A. apart B. kidnapped C. exiled D. spirited
65. I **relinquished** my place in line to go back and talk with my friend Daniel.
A. defended B. yielded C. delayed D. remanded
66. He **juxtaposed** the book's ideas with current events, showing us how they related.
A. caused confusion B. bend and fold C. placed side-by-side D. threw away
67. While we traveled in Italy, we stayed in an inexpensive **hostel**.
A. inn B. compound C. home D. four-star hotel
68. My friend asked me to lie for her, but that is against my **philosophy**.
A. principles B. regulations C. personality D. introspection
- Choose the best vocabulary word for the following questions.**
69. We had no idea who the special guest speaker would be, because the organizers of the event were so _____.
A. animated B. secretive C. talented D. emotional
70. He asked his wife to _____ the situation after she had offended the neighbor.
A. rectify B. exacerbate C. ruminate D. extend

Practice and practice again, that makes you perfect!