**ABUNE TEKLE HAYMANOT HIGHER SECONDARY ACADEMY 2012 E.C 2nd SEMESTER FORTH ROUNDSCHOLASTIC APPTITUDE MODEL EXAM FOR GRADE 12th STUDENTS**

SCHOLASTIC APTITUDE TEST MODEL EXAM HAS TWO MAIN SECTIONS WITH A TOTAL OF 60 ITEMS. SECTION ONE CONTAINS ***VERBAL REASONING*** AND SECTION TWO CONTAINS ***QUANTITATIVE REASONING***.

EACH SECTION CONTAINS MULTIPLE CHOICE ITEMS CONTAINING OF FOUR POSSIBLE ANSWERS. IN EACH CASE, SELECT THE BEST ANSWER AND WRITE THE LETTER OF YOUR CHOICE ON THE SEPARATE ANSWER SHEET.

## SECTION ONE: VERBAL REASONING (QUESTIONS 1-30)

This section contains a total of 35 verbal reasoning questions with sub sections of analogy, synonyms, antonyms, language usage, sentence completion, reading comprehension, and logical and analytical reasoning. Each subsection has its own directions.

# Analogy

**DIRECTIONS: QUESTION (1-5)** deal with analogy. In question 1-5 related pair of words are followed by a word that has similar relationship when paired with another word. Answer these questions by selecting the choice that completes the given analogy correctly by writing the letter of the correct choice on the separate answer sheet.

____1. REPTILE is to LIZARD as FLOWER is to _____.

A. Petal. C. Daisy

B. Stem. D. Alligator.

____2. IMMORAL : ETHICAL ::
INSUFFICIENT : _____.

A. Ample C. Unscrupulous

B. Dishonest D. Inert

____3. AMATEUR: NOVICE ::
REPRESENTATIVE : _____.

A. Opposition C. Author

B. Proxy D. Philosopher

____4. HORSE is to STABLE as LION is to _____.

A. Kennel C. Stable

B. Nest D. Den

____5. PRIDE is to LION as SCHOOL is to _____.

A. Teacher C. Fish

B. Student D. Self-respect

## Synonyms

**DIRECTIONS**: Questions 6-7 consists of a word printed in capital letters, followed by four words. Choose the word that is the most nearly similar in meaning to the word in capital letter and write the letter of your choice on the separate answer sheet.

___6. Lockdown

A. Inclusion C. Imprison

B. Isolation D. Detain

___7. Prevalent

A. Wind C. Rare

B. Servile D. Widespread

## Opposites

**DIRECTIONS**: Questions (8-9) consists of a word printed in capital letters, followed by four words. Choose the word that is the most nearly opposite in meaning to the word in capital letter and write the letter of your choice on the separate answer sheet.

____8. Impartial

A. Hostile C. Dislike

B. Biased D. Worried

____9. Malodorous

A. Acrid C. Fragrant

B. Pungent D. Delicious

## Language Usage

**DIRECTIONS**: each of the questions below (10-13) consists of underlined word or phrase. From the given alternatives, choose the one that most nearly has the same meaning as the underlined word or phrase and write the letter of your choice on the separate answer sheet.

____10. The editor, preferring a more **terse** writing style, cut 500 words from the 2,000-word article.

A. elegant. C. descriptive

B. factual. D. Concise.

____11. 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 C. insufficient

B. credible D. apologetic

____12. I shouldn't go outside without a raincoat because **it's raining cats and dogs.**

A. it's just started to rain C. it's raining very heavily

B. it's going to rain D. it's raining a little

____13. When the business folded, he took **the lion's share** of the assets.

A. the biggest part C. the easiest part

B. the smallest part D. the only part

## Sentence Completion

**DIRECTIONS**: Each sentence (14-18) below has one or two blanks, each blank indicating that something has been omitted. Beneath the sentence are four words or set of words. Choose the word or set of words for each blank that best fits the meaning of the sentence as a whole and write the letter of your choice on the separate answer sheet.

____14. If your drinking water is not _____, it could cause serious health problems.

A. quenchable C. indignant

B. valid D. potable

___15. Solomon is always _____ about showing up for work because he feels that tardiness is a sign of irresponsibility.

A. legible C. punctual

B. tolerable D. belligerent

____16. Because of his _____ sense of his own importance, Abel often tried to _____ our activities.

A. exaggerated --- monopolize C. insecure --- violate

B. inflated --- autonomies D. modest --- dominate

____17. Peter, __ by repeated rejections of his novel, _____ to submit his manuscript to other publishers.

A. encourage --- declined C. elated --- planned

B. undaunted --- continued D. inspired --- complied

____18. Halima, a passionate woman, agreed to marry a rich, ____ neighbor even though she loved a(an) ____, uneducated orphaned.

A. sophisticated --- orphaned C. opulent --- unschooled

B. indigent --- impoverished D. educated --- poor

## Reading Comprehension

**DIRECTIONS**: Read passages I and II below carefully and answer questions 19-26 based on the information stated or implied in the passages. Then find the question number and write the letter of your choice on the separate answer sheet.

## Reading Passage I

**WARNING**: Antihistamines can cause drowsiness, so you should avoid driving or other operations that demand alertness, coordination, or ***dexterity***. Do not use this product if you are ***intolerant to aspirin***. Allergic reactions may occur in ***susceptible*** persons.

____19. What is the meaning of the word ***dexterity*** as it is used in the passage?

A. balance C. clumsiness

B. agility D. gait

____20. What is the meaning of the phrase ***intolerant to aspirin*** as it is used in the passage?

A. unable to absorb aspirin without adverse effects C. unaffected by the healing effects of aspirin

B. disliking the effects of aspirin D. needing a stronger medication than aspirin

_____21. What is the meaning of the word ***susceptible*** as it is used in the passage?

A. adaptable C. malleable

B. robust D. sensitive

## Reading Passage II

On February 3, 1956, Autherine Lucy became the first African-American student to attend the University of Alabama, although the dean of women refused to allow Autherine to live in a university dormitory. White students rioted in protest of her admission, and the federal government had to assume command of the Alabama National Guard in order to protect her. Nonetheless, on her first day in class, Autherine bravely took a seat in the front row. She remembers being surprised that the professor of the class appeared not to notice she was even in class. Later, she would appreciate his seeming indifference, as he was one of only a few professors to speak out in favor of her right to attend the university.

For protection, Autherine was taken in and out of classroom buildings by the back door and driven from class to class by an assistant to the university president. The student continued to riot, and one day, the windshield of the

car she was in was broken. University officials suspended her, saying it was for her own safety. When her attorney issued a statement in her name protesting her suspension, the university used it as grounds for expelling her for insubordination. Although she never finished her education at the University of Alabama, Autherine Lucy's courage was an inspiration to African-American students who followed her lead and desegregated universities all over the United States.

____22. According to the passage, what did Autherine Lucy do on her first day at the University of Alabama?

A. She moved into a dormitory.
C. She became terrified of the white rioters
B. She sat in the front row of her class.
D. She was befriended by an assistant to the university president.

____23. Based on the information in the passage, which of the following best describes Autherine Lucy?

A. quiet and shy
C. courageous and determined
B. clever and amusing
D. overly dramatic

____24. When she began classes at the university, Autherine Lucy expected to

A. stand out from the other students.
C. join an African-American organization for protection
B. have the support of the university faculty.
D. be ridiculed by the professors.

____25. Autherine Lucy never graduated from the University of Alabama because she

A. moved to another state.
C. dropped out because of pressure from other students.
B. transferred to another university.
D. was expelled for insubordination.

____26. According to the passage, which of the following is true?

A. The Alabama National Guard is normally under the command of the U.S. Army.
B. In 1956, the only segregated university in the United States was in Alabama.
C. Autherine Lucy was escorted to and from class by the university president's assistant.
D. A few white students at the university were pleased that Autherine Lucy was a student there.

## Questions 27- 28 are based on the following situation

____27. A study of residents in a remote district found that two-thirds of the children developed considerable level of nearsightedness after starting school, while their illiterate parents and grandparents, who had no opportunity for formal schooling showed no signs of this disability If the above statement is true, which of the following conclusions is most strongly supported by them?

A. The nearsightedness in the children is caused by school work.
B. Only literate people are nearsighted.
C. Only people who have the opportunity for formal schooling develop nearsightedness.
D. One-third of the children are near sighted.

____28. A Guarantee is a promise or assurance that attests to the quality of a product that is either (1) given in writing by the manufacturer or (2) given verbally by the person selling the product. Which situation below is the best example of a Guarantee?

A. Mohammed purchases a DVD player with the highest consumer ratings in its category.
B. The salesperson advises Curt to be sure that he buys an air conditioner with a guarantee.
C. The local auto body shop specializes in refurbishing and selling used cars.
D. Hailu buys a used digital camera from his coworker who says that he will refund Hailu's money if the camera's performance is not of the highest quality.

## For questions 29- 30, find the statement that must be true according to the given information.

____29. On weekends, Mr. Sanchez spends many hours working in his vegetable and flower gardens. Mrs. Sanchez spends her free time reading and listening to classical music. Both Mr. Sanchez and Mrs. Sanchez like to cook.

A. Mr. Sanchez enjoys planting and growing vegetables.
B. Mr. Sanchez does not like classical music.
C. Mrs. Sanchez cooks the vegetables that Mr. Sanchez grows.
D. Mrs. Sanchez enjoys reading nineteenth century novels.

____30. Ten new television shows appeared during the month of September. Five of the shows were sitcoms, three were hour-long dramas, and two were news-magazine shows. By January, only seven of these new shows were still on the air. Five of the shows that remained were sitcoms.

A. Only one of the news-magazine shows remained on the air.
B. Only one of the hour-long dramas remained on the air.
C. At least one of the shows that was cancelled was an hour-long drama.
D. Television viewers prefer sitcoms over hour-long dramas

## SECTION TWO :-Quantitative reasoning

Direction:- Solve each of the problems given in questions 31-60 and give your answer

31. The next number in a series 9, 10, 8, 24, 6, 7, 5 is _____?
A. 3 B. 15 C. 21 D. 20
32. One number is 4 less than twice the other number if their sum is 71, what are the numbers?
A. 25 and 46 B. 71 and 25 C. 75 and 25 D. 75 and 46
33. The ratio of the ages of A and B is 2: 3 if B is 3 years older than A. find the age of A after 2 years.
A. 8 B. 4 C. 6 D. 2
34. Find the average of the first 50 whole numbers
A. 24 .5 B. 24 C. 25.5 D. 25
35. The average of five consecutive odd our is numbers is 25. Find the smallest of these numbers.
A. 21 B. 19 C. 25 D. 29
36. The average age of our family of four is 35 .Excluding me the average age of 40, find my age
A. 20 B. 15 C. 25 D. 30
37. Find the average of 3x+4 , 7-2x and 2x -11
A. $\frac{5x-11}{3}$ B. x C. $\frac{7x}{3}$ D. $\frac{3x}{4}$
38. S = {0, 2, 5, 6, 8, 9} which number can be removed from S without affecting the average of S?
A. 0 B. 6 C. 5 D. 8
39. If the length of a rectangle is halved and the breadth is tripled, by how much % does the area of the rectangle increase?
A. 50 % B. 20 % C. 30% D. 100%
40. Rahel scored 75 marks in the first internal and 90 marks in the second internal .By how much percentage has Rahel's performance improved?
A. 15% B. 20 % C. 25 % D. 30 %
41. If x = 3Y what % of x is Y ?
A. 3 % B. 33.33% C. 10 % D. 30 %
42. After selling 35% of the oranges a fruit vendor has 260 oranges left. How many did he have originally?

A. 390 B. 300 C. 520 D. 400

43. 40 % of a number is 80. What is 30% of one fourth of the number?
A. 9.6 B. 15 C. 30 D. 60

44. What % of 10 is 10% of 1?
A. 10 B. 0.01 C. 0.1 D. 1

45. A, B and C invest birr 50000, birr 50000, birr 75000 and birr 125000 in a business respectively .The profit earned is birr 20000, find the profit share of B?
A. Birr 2000 B. birr 6000 C. birr 4000 D. birr 1000

46. Which one of the followings number is divisible by 6?
A. 5647386 B. 8460398 C. 2385972 D. A&B E. A&C F. B&C

47. Divide 90 into two parts such that the sum of their reciprocals is $\frac{2}{25}$
A. 80,10 B. 75,15 C. 60,30 D. 50,40

48. Find the number of factors of 60
A. 6 B. 10 C. 12 D. 15

49. If x is an odd integer , the even integer among the following is
A. $x^2$ B. $x^3$ C. 3x+4 D. 5x+7

50. If the sum of three consecutive integers is 30, find the product of the largest and smallest of these integers.
A. 96 B. 90 C. 100 D. 99

51. Find the odd one out 561, 482, 393, 263 , 144
A. 561 B. 482 C. 393 D. 263

52. Find the next number in the series 3,4,6,8,12.14,18,20 - - -
A. 22 B. 23 C. 24 D. 25

53. Which number comes next 6,7,9,13,21,37 - - -
A. 43 B. 69 C. 53 D. 64

54. Find the odd one out 23,33,43,53,73
A. 33 B. 43 C. 53 D. 73

55. The greatest 4-digit number which is divided by 6,8,10 is
A. 9960 B. 9990 C. 9999 D. 9600

56. The LCM and HCF of two numbers is 48 and 8. If one of the numbers is 16. find the other numbers
A. 24 B. 12 C. 32 D. 36

57. $[4 - \frac{1}{2}] / [5 + \frac{1}{4}]$ A. $\frac{4}{5}$ B. $\frac{2}{3}$ C. $\frac{8}{5}$ D. $\frac{6}{7}$

58. After giving one – fourth of her chocolates to Melody , T ina has 60 chocolates , How many chocolates did she give to Melody ?
A. 30 B. 20 C. 25 D. 35

59. Two fair dice are thrown, what is the probability of getting a sum that is a multiple of 3?
A. $\frac{1}{2}$ B. $\frac{1}{3}$ C. $\frac{1}{4}$ D. $\frac{1}{6}$

60. A teacher selects two students at random from a class of 30 students, If there are 10 boys and 20 girls in the class, find the probability that both of the selected students are girls.

A. $\frac{2}{3}$ B. $\frac{4}{9}$ C. $\frac{38}{37}$ D. $\frac{37}{38}$