



OROMIA EDUCATION BUREAU GRADE 12 **SCHOLASTIC APTITUDE** POST TEST FOR IFA BORU SPECIAL BOARDING SECONDARY SCHOOLS, AUGUST, 2016/2024.

TIME ALLOWED: 2:00 Hours.

GENERAL DIRECTIONS

- I. SECTION ONE THIS BOOKLET CONTAINS ENGLISH AND ITS SECTION TWO CONTAINS MATHEMATICS SUMMER TUTORIAL POST TEST FOR GRADE 12. IN THIS BOOKLET, THERE ARE TOTAL OF 60 MULTIPLE CHOICE QUESTIONS.
- II. THERE IS ONLY ONE BEST ANSWER FOR EACH QUESTION. CHOOSE THE BEST ANSWER FROM THE GIVEN ALTERNATIVES AND WRITE THE LETTER OF YOUR CHOICE ON THE ANSWER SHEET PROVIDED.
- III. YOU ARE ALLOWED TO WORK ON THE EXAM FOR TWO HOURS. WHEN TIME IS CALLED, YOU MUST IMMEDIATELY STOP WORKING ON THE QUESTIONS AND PUT DOWN YOUR PEN/PENCIL AND WAIT FOR WHAT YOU MIGHT BE TOLD TO DO.
- IV. ANY FORM OF CHEATING OR AN ATTEMPT TO CHEAT IN THE EXAM WILL RESULT IN AN AUTOMATIC DISMISSAL FROM THE EXAM HALL AND CANCELLATION OF YOUR SCORE.
- V. PLEASE MAKE SURE THAT YOU HAVE WRITTEN ALL THE REQUIRED INFORMATION ON THE ANSWER SHEET BEFORE YOU START TO WORK ON THE EXAM.

DO NOT TURN THIS PAGE UNTIL YOU ARE TOLD TO DO SO

SECTION ONE: VERBAL REASONING

(Questions 1 – 35)

This section contains a total of 35 questions with subsections on items of analogy, synonyms, antonyms, odd one out, word formation, family relationship, and language use. Each section has its own directions.

ANALOGY (questions 1 – 12)

DIRECTIONS: Questions in this section deal with analogy questions. A related pair of words written in capital letters is followed by four pairs of words or phrases. Select the pair that best expresses a relationship SIMILAR to that expressed in the original capitalized pair.

1. FINGER : HAND :: _____ : _____

A. leg : toe

C. toe : foot

B. dictionary : word

D. medicine : doctor

2. LEARN : STUDY :: _____ : _____

A. find : search

C. raise : accumulate

B. keep : agree

D. encompass : pervade

3. SWEATER : WOOL :: _____ : _____

A. jacket : vest

C. shoe : leather

B. footwear : sneakers

D. ring : diamond

4. WET : DRY :: _____ : _____

A. worse : worst

C. scold : praise

B. weather : temperature

D. rise : walk

5. SCHOOL : FISH :: _____ : _____

A. posse : crowd

C. union : labor

B. arrow : feathers

D. flock : birds

AS: (questions 6 – 12)

DIRECTIONS: Select the pair that best expresses a relationship SIMILAR to that expressed in the original capitalized pair.

6. COLLEGE is to TEACHERS as HOSPITAL is to -----
A. beds B. medicine C. patients D. doctors
7. BATS are to CAVES as HUMANS are to -----
A. stores C. beds
B. forests D. houses
8. RED is to STOP as GREEN is to -----
A. go C. forget
B. remember D. caution
9. PLENTY is to AMPLE as SHORTAGE is to -----
A. too much C. lost
B. scarcity D. hunger
10. SUNRISE is to MORNING as SUNSET is to -----
A. evening C. dawn
B. night D. dark
11. HORSE is related to HOOF in the same way as EAGLE is related to -----
A. clutch C. foot
B. leg D. claw
12. TABLE is related to WOOD in the same way as SHIRT is related to -----
A. cotton C. dress
B. cloth D. uniform

WORD FORMATION

Word Opposite (questions 13 – 15)

DIRECTIONS: Choose the part of the word that makes the lexical opposite to the meaning of the given word.

13. VISIBLE

A. IR-

B. IL-

C. IN-

D. UN-

14. MOVABLE

A. UN-

B. IR-

C. IN-

D. IM-

15. AVOIDABLE

A. UN-

B. DIS-

C. IN-

D. IM-

SYNONYMS (questions 16 – 20)

DIRECTIONS: Questions in this section consist of phrases printed in capital letters followed by four words. Choose the word that is most nearly SIMILAR in meaning to the word in capital letters.

16. BIAS

A. affiliation

B. perfection

C. prejudiced

D. balanced attitude

17. OBSOLETE

A. hidden

B. lost

C. outdated

D. wrecked

18. CONCISE

A. small

B. brief

C. strong

D. solid

19. STAMINA

A. wisdom

B. trial

C. endurance

D. defeat

20. METICULOUS

A. hazy

B. compulsive

C. careful

D. bold

ANTONYMS (questions 21 – 25)

DIRECTIONS: Questions in this section consist of phrases printed in capital letters followed by four words. Choose the word that is most nearly OPPOSITE in meaning to the word in capital letters.

21. IDENTICAL

- A. same B. different C. disagreeable D. similar

22. STATIONARY

- A. immobile C. mobile
B. paper D. thoughtful

23. INDEFINITE

- A. certain C. mortal
B. slim D. vague

24. LOOSE

- A. find C. nasty
B. tight D. generous

25. OLD

- A. small C. loyal
B. young D. true

ODD ONE OUT (questions 26 – 28)

DIRECTIONS: Choose the odd one out in each group.

26. A. create B. damage C. jeopardize D. hurt
27. A. advanced B. elementary C. difficult D. intermediate
28. A. foster B. maintain C. look after D. endanger

FAMILY RELATIONSHIP (questions 29 and 30)

DIRECTIONS: Find the noun that stands for each question number.

29. Your sister's son is your _____.

- | | |
|-----------|----------|
| A. cousin | C. niece |
| B. nephew | D. uncle |

30. Your father's sister is your _____.

- | | |
|-----------|-----------|
| A. aunt | C. uncle |
| B. cousin | D. nephew |

LANGUAGE USE (questions 31 – 35)

DIRECTIONS: Questions in this section are related to different forms of grammar and sentence structure.

31. I feel like _____ on the weekend. Do you want to come?

- | | |
|------------|------------|
| A. camp | C. camping |
| B. to camp | D. camped |

32. I wasn't happy at the meeting. I wish I _____ happy.

- | | |
|-------------|--------------|
| A. has been | C. will have |
| B. had had | D. had been |

33. There is no point in _____ the washing out because it keeps _____ with rain.

- | | |
|------------------------|---------------------------|
| A. to hang / to shower | C. hand / shower |
| B. hanging / showering | D. hung / having showered |

34. No sooner had he entered the room _____ the light went out and everyone started talking loudly.

- | | |
|---------|--------|
| A. but | C. if |
| B. than | D. and |

35. He _____ trying to pass his driving test but fails every time.

- | | |
|---------------|-------------|
| A. kept | C. had kept |
| B. is keeping | D. keeps |

SECTION TWO: QUANTITATIVE REASONING (QUESTION 36-60).

36. If x and y are positive integers such that x is half of y , then what is $\frac{x^2 - y^2}{x - y}$ in terms of y ?
- A. $x + y$ C. $\frac{3}{2}y$
B. $x - y$ D. $\frac{3}{2}x$
37. What is the probability of a number selected at random from the first 50 prime numbers being odd?
- A. $\frac{49}{50}$ C. $\frac{47}{50}$
B. $\frac{48}{50}$ D. $\frac{46}{50}$
38. If 40% of students in a class study Mathematics, 25% study Physics, and 15% study both subjects, what percentage of students study either Mathematics or Physics?
- A. 50% C. 65%
B. 55% D. 70%
39. The sum of three numbers is 50. The ratio of the first to the third is 2 to 3, and the ratio of the second to the first is 5 to 8. The third number is:
- A. 10 C. 24
B. 16 D. 40
40. If S denotes the sum of the first 10 prime numbers, then what is the value of S ?
- A. 45 C. 129
B. 90 D. 127
41. If 75 percent of x is equal to 50 percent of 25, where x is unknown, what is the value of x ?
- A. $\frac{25}{2}$ C. $\frac{75}{2}$
B. 25 D. $\frac{50}{3}$
42. What number increased by 10 is equal to 15 less than twice the number?
- A. 35 C. 50
B. 25 D. 15

43. When 5 times a number is added to 12, the result is 32. What number results when 2 times the same number is added to 7?
- A. 10
B. 7
C. 15
D. 5
44. Three professors contested an election for a university president and received 1136, 7636, and 1628 votes respectively. What percentage of the total votes did the winning professor get?
- A. 75.5%
B. 73.42%
C. 59.7%
D. 61.8%
45. A mother is now 20 years older than her son. If in 10 years the mother will be twice as old as her son, how old will the mother be in 25 years?
- A. 53
B. 30
C. 45
D. 55
46. A line in the xy -plane passes through the origin and has a slope of $\frac{3}{2}$. Which of the following points lies on the line?
- A. (2, 3)
B. (2, 2)
C. (16, 24)
D. (18, 12)
47. The average (arithmetic mean) of p and q is 15, and the average of y and x is also 15. What is the average of p , y , x , and q ?
- A. 7.5
B. 15
C. 22.5
D. 30
48. Look at the pattern carefully: 10, 20, 25, 35, 40, 50, 55. Which of the following pair of numbers comes next?
- A. 60, 65
B. 65, 70
C. 60, 75
D. 60, 70
49. If one fourth of one third of a number is 15, then what is three-tenth of that number?
- A. 10
B. 18
C. 180
D. 54

50. If three students have scores x , y , and z , with their sum equal to 180, what is the average (arithmetic mean) of the three scores?
- A. 60
B. 80
C. 90
D. 100
51. What is the value of x in the following sequence: 1, 4, 9, 16, 25, 36, x ?
- A. 28
B. 31
C. 47
D. 49
52. If 30% of a town's population speaks English, 25% speaks French, and 10% speaks both languages, what percentage of the population speaks either English or French?
- A. 35%
B. 45%
C. 50%
D. 55%
53. Assume that a son saves $\frac{1}{4}$ of his income and his father saves half of his income. If the income of the father, which is 5000 birr, is double that of his son, how much is saved by his son?
- A. 500
B. 1250
C. 625
D. 2500
54. A bag contains 28 yellow, 44 black, and 36 green marbles. Ali takes out one marble from the bag at random. What is the probability that he will take out a green marble?
- A. $\frac{9}{25}$
B. $\frac{1}{3}$
C. $\frac{4}{9}$
D. $\frac{1}{4}$
55. The product of two numbers is 150 and their sum is 30. What is the sum of their squares?
- A. 300
B. 600
C. 900
D. 1200
56. If the ratio of the length to the width of a rectangle is 3:2, and its area is 216 cm^2 , what is the perimeter of the rectangle?
- A. 50 cm
B. 60 cm
C. 70 cm
D. 80 cm

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