Part One: Analogy

Directions: Questions **1-16** deal with verbal analogy questions. Four pairs of words or phrases follow a related pair of words written in capital letters. Select the pair that best expresses a relationship similar to that expressed in the original capitalized pair.

DIRECTIONS: For questions **1 – 7** read each of the given words in capital letters carefully and choose the word that correctly completes the analogy.

Question: 1/125

1.PAINTER is to GALLERY as ARTIST is to:

A.Theatre B.Comedy C. Drama D. Art

2.**MECHANIC is to GARAGE as FARMER is to:**

A.Farm B.Harvest C.Field D.Produce

3.**CHEF is to KITCHEN as ACTOR is to:**

A.Concert B.Performance C.Drama D.Stage

4.**PESTICIDE is to CROP as ANTISEPTIC is to:**

A.Wound B.Clotting C.Bandage D.Blood

5.**VICTORY is to ENCOURAGEMENT as FAILURE is to:**

A.Sadness B.Frustration C.Anger D.Demoralization

6/ **INFLUENZA is to VIRUS as TYPHOID is to:**

A.Protozoa B.Bacteria C.Bacillus D.Parasite

7.**MUSLIMS is to MOSQUE as JEWS is to:**

A.Gurudwara B.Synagogues C.Church D.Cathedral

8.RACE: TRACK

A.Tennis: Court B.Hockey : Arena C.Shirt: Garment

D.Badminton : Ring

9.DEARTH: SCARCITY

A.Axe: Grind B.Gun: Shoot C.Substitute : Replace

D.Pen: Write

10.CHAOS: PEACE

A.Turbulence: Order B.Unrest: Strife C.Turmoil: Havok

D.Aggression: Hostility

11.PLANT : SEED

A.Bud : Flower B.Trunk : Tree C.Fruit : Twig

D.Leaf: Root

12.CIRCLE: ARC

A.Square : Rectangle B.Square : Line C.Arrow : Area

D.Triangle : Field

13.PAIN:SEDATIVE

A.Ache : Examination B.Grief : Consolation

C.Depression : Agression D. Comfort : Stimulant

14.CONTAMINATION : FOOD

A.Infection : Body B.Pain : Relief C.Germ: Disease

D.Heath : Disease

15.FLASH : CAMERA

A.Rat : Cat B.Mouse : Computer C.Dessert : Forest

D.Cord : Electricity

16.LAWLESS : ORDER

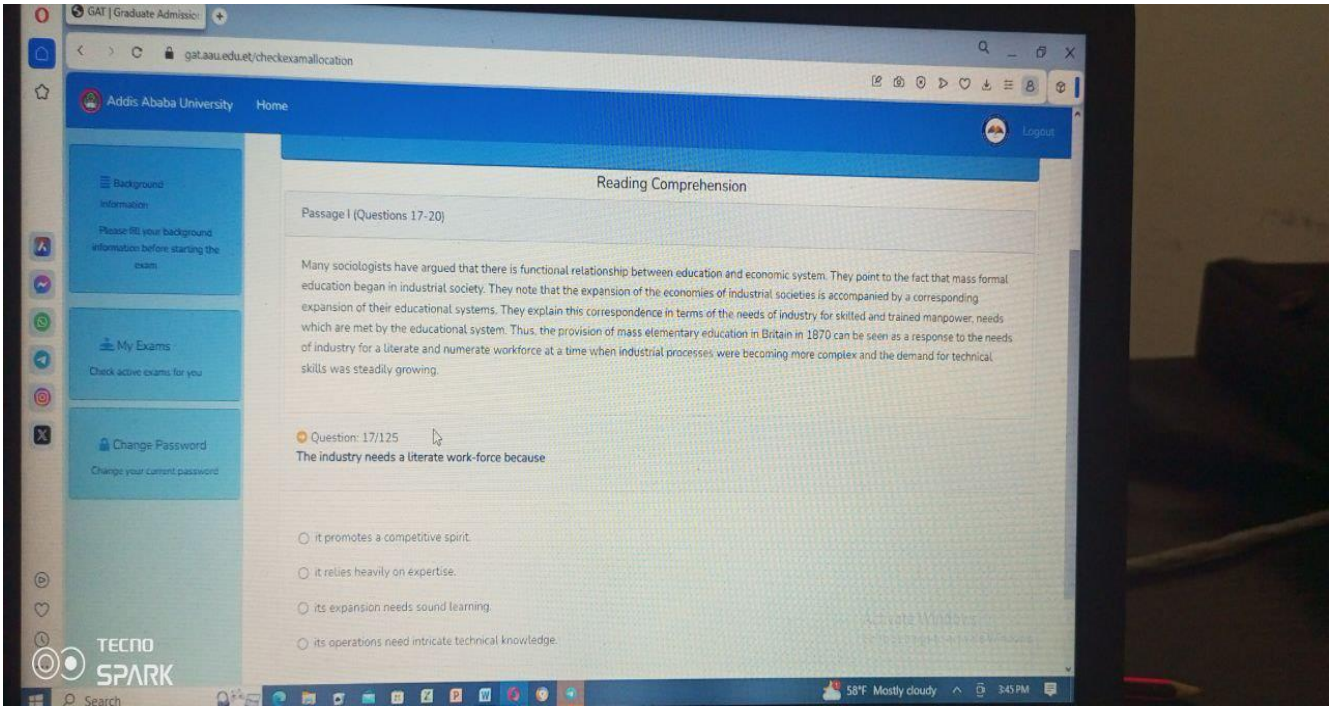
A.Jail: Prison B.Hostage: Detained

C.Trouble: Punishment D.Captive: Freedom

17.LAWLESS : ORDER

A.Jail: Prison B.Hostage: Detained

C.Trouble: Punishment D.Captive: Freedom



Soft bodied animals like caterpillars often fall a prey to voracious hunters like birds or reptiles. Despite having no means to 'actively' defend themselves, with weapons like claws or jaws, they have nevertheless, evolved other equally effective deterrents. A particular species of the caterpillar lives at an altitude over 2.500 metres in the Himalayas. It uses prominent colour to inform would - be predators of its inedibility. In the event that an inexperienced or adventurous bird did eat the caterpillar, it would probably vomit it soon after, and subsequently desist from attacking similar species in future. Though this would do the unfortunate victim no good, the species benefit. This is a rare example of the martyr among animals.

18.The author argues that

A.formal education can be traced to industrial society.

B.industrial society changed the pattern of education.

C.industrial society is responsible for expansion of education at mass level.

D.industrial society gave rise to vocational education

19.The observation of the sociologists is based on a study of:

A.growth of industry 19th century.

B.economic system of the 19th century.

C.the statistical data available in a historical context.

D.the correlation between industry and education in a historical context.

20.The sociologists referred to in the passage say that the relationship between industry and elementary education was one based on :

A.the need of the industry.

B.some inexplicable historical forces.

C.mutual need. D.economic need.

21.**The expression "others equally effective deterrents" means:**

A.preventive weapons which have equal effect as others.

B.deterrents that are as powerful as those the caterpillars have.

C.preventive equipments which are as effective as those mentioned in the passage.

D.mechanisms which scares everyone equally well.

22.Experienced birds do not attack the Himalayan caterpillars because the latter are:

A.aggressive. B.inedible. C.repulsive. D.diseased.

23.The Himalayan caterpillar uses prominent colours to:

A.defend itself. B.warn the predator. C.disguise itself.

D.attack the predator.

24.Caterpillars cannot defend themselves because they:

A.are passive animals. B.are lazy.

C.cannot acquire weapons. D.have no claws or jaws.

Passage III (questions 25 – 27)

The complexity of the brain is truly beyond description. When there is a problem, the ability to understand the problem depends on having some idea about where the problem originates. Visualization techniques like the MRI and CT can detect traumatic lesions, but often cannot visualize non-traumatic problems. Years of relentless research has provided a detailed understanding of what parts of the brain are involved with specific activities – this means that with a thorough neurological examination problems can often be pinpointed with amazing accuracy.

And once the problem is understood and the diagnosis made, then an appropriated treatment plan can be implemented.

A typical neurologic exam has six major components. They are (1) mental status, (2) cranial nerve exam, (3) motor exam, (4) reflexes, (5) coordination and gait exam, and (6) sensory exam. Each component must consist of several elements that range from easy to difficult. Without gradations of difficulty it would be impossible to differentiate patient responses. Also, it is clear that not every component can be assessed on every patient. For example, an unconscious patient can be tested, but only for certain reflexes. Additionally the clinicians will use their judgment to determine which tests to emphasize and which tests are less important. Keep in mind that the components of the neurologic exam contribute to an anatomical understanding of the location of the problem. Different elements of the exam target different regions of the brain.

25.**Which one of the following can be an example of a non-traumatic problem according to the passage?**

A.Scar in the brain B.Bleeding in the brain

C.Inability to walk properly caused by head injury

D.Mental disorder due to stress

26.What does the examination of neurological patients essentially involve?

A.Familiarizing oneself with elements of the major components.

B.Determining how difficult the problem is.

C.Identefying the six major components.

D.Carrying out a thorough interview with the patient.

27.The kind of test to be made for a particular patient depends to some etent on:

A.the location of the problem.

B.the physician’s assessment of the patient.

C.the kind of patient to be treated.

D.the severity of the problem.

Passage IV (Questions 28 – 32)

The world's population is expected to continue growing until the end of the twenty-first century; that at least was the general consensus of experts until 2019. Maybe in the new post-Covid reality, the rate of growth will slow; but even so, unless COVID-19 or some other new virus causes millions more deaths than initially predicted, the world's population will continue to grow, putting ever-increasing pressure on the natural environment, on

resources, on living space, and most critically on food and water.

If our world is to survive for much longer, we have no choice but to reduce the use of natural resources and cut out wastage. Compared to traditional agriculture, aeroponics does both. According to a United Nations FAO report published in 2011, almost half of the fruit and vegetables produced in the world go to waste – they never get consumed by the humans for whom they are grown. Wastage occurs throughout the production and distribution cycle, during production, during transformation, during transport, and even – notably in developed economies – after ***purchase*** by the final customer.

Fifty percent of all fruit and vegetables go to waste. That is an enormous amount of wastage, and not just in economic terms. This wastage has a huge impact in terms of natural resources, particularly space and water, which in turn will have huge implications for the global environment.

Cutting out all waste in the production and distribution of food is an impossible goal. Even people living in small eco-sustainable communities generate waste. Even in organic crop production, pests and disease cause wastage; and even if harvested and distributed locally,

part of a crop will always be wasted. But there is a large difference between wasting fifty percent of all fruit and vegetables produced worldwide, and the unreachable goal of achieving no waste at all. Between 50% and zero, there is plenty of scope for significantly reducing the volume of food waste worldwide simply through the use of new and more efficient production methods. Aeroponics is one such a method of production.

(Source: slightly modified from https://linguapress.com/advanced/aeroponics.htm)

28/**The main point made in the first paragraph of the passage is**

A. A slow rate of population growth may be a feature of post-COVID 19 reality.

B.The world's population will continue to grow despite COVID-19 caused-deaths.

C.Growth in world’s population will have the worst effect on food and water.

D.COVID-19 is here to stay causing deaths until the end of the twenty-first century.

29.Which of the following best reflects the author’s opinion on how to let the world survive longer?

A.Reducing the amount of natural resources used for consumption.

B.Introducing vaccines against COVID-19 and future other new viruses.

C.Consuming more of the vegetables and fruit that go to waste.

D.Keeping the rate of population growth slow until the end of the 21century.

30.The author implies that all of the following statements about wastage (paragraph 3) are true EXCEPT:

A.It is an example of how easily fruit and vegetables can go bad.

B.Its impact in economic terms is as severe as its impact on natural resources.

C.It covers fifty percent of the world's agricultural products worldwide.

D.It has an impact on the global environment.

31.Achieving no waste at all is an unattainable goal mainly because of which of the following reasons?

A.People living in small eco-sustainable communities generate waste.

B.Part of a crop will always be wasted even if crops are harvested and distributed locally.

C.Wastage occurs throughout the production and distribution of food.

D.Pests and disease cause wastage in organic crop production.

32.Which of the following could most likely be considered an 32.acceptable volume of waste worldwide if, according to the author, achieving no waste at all is an unattainable goal?

A.55% B.65% C.25% D.70%

Part Three: Sentence Completion

Directions: Four alternatives **(A), (B), (C)** and **(D)** are given for each sentence below. Select the alternative that fills best in the blank/blanks in the sentence.

33.**Choosing a small, fuel-efficient car is a _____ purchase for a recent college graduate.**

A.tedious B.judicious C.corrupt D.sardonic

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

A.punctual B.tolerable C.literal D.legible

35.I must remember to fill in my tax _____ before the end of this week.

A.pamphlet B.brochure C.return D.declaration

36.There should be something wrong with their baby. She was crying and crying and no _____ could bring it to sleep.

A.rocking B.soothing C.carrying D.cuddling

37.We clearly understand that tourists traveling here become disappointed by the plastic bags, discarded bottles and _____ nappies at the edge of every road in the city. With hard work and determination, however, we can really change the image.

A.wetted B.dirtied C.soiled D.smudged

38.Beyond the endless dishes the country offers, it is essential to try Ethiopian coffee after a meal. Its coffees are _____ as some of the best in the world.

A.widely praised B.specifically referred C.broadly said

D.specially loved

39.Marrying is not always the solution to loneliness particularly if the relationship isn't a strong one. It is the relationship rather than the institution that _____ loneliness.

A.banishes B.exhorts C.rallies round D.bolsters

40.Mary became _____ at typing; she practiced it for six months.

A.profound B.proficient C.ingenious D.dexterous

41. I _____ my new book; has anyone of you seen it anywhere?

A.mislaid B.miscarried C.misguided D.mishandled

42. Relationships need a bit of _____ and _____ to be successful.

A.choose /pick B.come/go
C.question/answer D.give/take

43.Young people tend to _____jobs so frequently that they offer the worst _____ on training.

A.seek/benefits B.switch/returns
C.drop/remarks D.match/salaries

44.We all were _____by the amount of _____ humor on television when young children were still awake.

A.horrified/ laborious B.distressed/ studious

C.appalled/ lascivious D.disgusted/fraudulent

45.**Our boss's incorrigible behavior puzzles everyone working with him.**

A.corruptible B.incurable C.dishonest D.irrelevant

46.The folly of youth stands in stark contrast with the wisdom of age.

A.foolishness B.decisions C.happiness D.strength

47.Jordan demonstrated his agility when he caught the football, turned in midair, outran the defense and scored a touchdown.

A.determination B. ineptness

C.quickness D. indebtedness

Part Four: Antonyms

Directions: Items **48 – 60** consist of words printed in capital letters, followed by four words/phrases. Choose the word or phrase that is most nearly **opposite** to the word in each question.

48.**DIVERGE**

A.Differ B.Wander C.Corrupt D.Converge

49. EFFICACIOUS

A.Effective B.Useless C.Sufficient D.Efficient

50.EXPEDITE

A.Accelerate B.Impede C.Advance D.Enhance

51.RELINQUISH

A. Abandon B.Retain C.Surrender D.Resign

52.IDIOMATIC

A.Slang B.Formal C.Colloquial D Casual

53.IMMORAL

A.Moral B.Wicked C.Corrupt D.Decadent

54. VITAL

A.Unimportant B.Central C. Crucial D.Critical

55. INDOLENCE

A.Laziness B.Idleness C.Energy D.Apathy

56.OBSTRUCT

A.Prohibit B.Assist C.Thwart D.Hamper

57. AMBIVALENT

A.Hesitant B.Doubtful C.Timid D.Decisive

58.SUMMON

A.Bid B.Indicate C.Dismiss C.Beckon

59.FOSTER

A.Rear B.Cultivate C.Discourage D.Embolden

60..BOOST

A.Intensify B.Damage C.Heighten DAdvance

Quantitative comparison: Each of the questions **61-74** consists of two quantities, one in column A and one in column B. You are to compare the two quantities and choose

if the quantity in column A is greater;

if the quantity in column B is greater;

if the two quantities are equal;

if the relationship cannot be determined from the information given.

Information: In a question, information concerning one or both of the quantities to be compared is centered above the two columns. A symbol that appears in both columns represents the same thing in column A as it does in column B.

Question: 61/125

***m* and *n* are negative integers**

Column A	**Column B**
$m+n$	$\frac{m}{n}$

A.The quantity in column B is greater.

B.The quantity in column A is greater.

C.The two quantities are equal.

D.The relationship cannot be determined from the information given.

Question: 62/125

Column A	**Column B**
$-7\times9\times4768.95$	$12\times4768.95\times(-6)$

A.The quantity in column A is greater.

B.The quantity in column B is greater.

C.The two quantities are equal.

D.The relationship cannot be determined from the information given.

Question: 63/125

Column A	Column B
$12\frac{1}{2}\%$ of 40	$5\frac{1}{8}$

A.The relationship cannot be determined from the information given.

B.The quantity in column A is greater.

C.The quantity in column B is greater.

D.The two quantities are equal.

Question: 64/125

$$x^2 + xy = 0, \quad x \neq 0.$$

Column A	Column B
x^2	y^2

A.The two quantities are equal.

B.The relationship cannot be determined from the information given.

C.The quantity in column B is greater.

D.The quantity in column A is greater.

Question: 65/125

$$y = 3^{-x} = \left(\frac{1}{3}\right)^{2x-1}$$

Column A	Column B
x	y

A.The quantity in column B is greater.

B.The quantity in column A is greater.

C.The relationship cannot be determined from the information given.

D.The two quantities are equal.

Question: 65/125

$$y = 3^{-x} = \left(\frac{1}{3}\right)^{2x-1}$$

Column A **Column B**

x y

A.The quantity in column B is greater.

B.The quantity in column A is greater.

C.The relationship cannot be determined from the information given.

D.The two quantities are equal.

Question: 66/125

$$a^k = 9 \text{ and } 3k = 2$$

Column A **Column B**

a **27**

A.The relationship cannot be determined from the information given.

B.The quantity in column B is greater.

C.The quantity in column A is greater.

D.The two quantities are equal.

Question: 67/125

$$\sqrt{1-x^2} = \frac{\sqrt{3}}{2},\ x \geq 0.$$

Colum A	**Column B**
x	$\frac{2}{3}$

A.The two quantities are equal. B.The quantity in column B is greater.

C.The relationship cannot be determined from the information given.

D.The quantity in column A is greater.

Question: 68/125

Column A	**Column B**
$2^{17} - 2^{16}$	2^{16}

A.The two quantities are equal.

B.The quantity in column A is greater.

C.The relationship cannot be determined from the information given.

D.The quantity in column B is greater.

Question: 69/125

$$\frac{x^2}{x+1} < 0$$

Column A	**Column B**
x	-1

A.The relationship cannot be determined from the information given.

B.The quantity in column B is greater.

C.The two quantities are equal.

D.The quantity in column A is greater.

Question: 70/125

$$\frac{x-6}{y-3} - 2 < 0, \quad y < 3.$$

Column A **Column B**

$\frac{1}{2}x$ y

A.The two quantities are equal. B.The quantity in column A is greater.

C.The relationship cannot be determined from the information given.

D.The quantity in column B is greater.

Question: 71/125

Values of X: 13, 12.6, 15, 16.4, 12, 17

Column A **Column B**

Average (mean) of *X* **Median of *X***

A.The relationship cannot be determined from the information given.

B.The quantity in column A is greater.

C.The two quantities are equal.

D.The quantity in column B is greater.

Question: 72/125

Column A **Column B**

$\frac{12!}{9!3!}$ **220**

A.The relationship cannot be determined from the information given.

B.The quantity in column A is greater. C.The quantity in column B is greater.

D.The two quantities are equal.

Question: 73/125

$S = \{1, 2, 3, 5, 6, 7\}$

Column A	Column B
Probability to pick an even number out of S	$\frac{2}{7}$

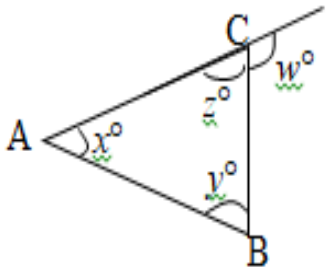
A.The two quantities are equal.

B.The relationship cannot be determined from the information given.

C.The quantity in column A is greater.

D.The quantity in column B is greater.

Question: 74/125



Column A	Column B
$x + y + z$	$z + w$

A.The quantity in column B is greater.

B.The relationship cannot be determined from the information given.

C.The two quantities are equal.

D.The quantity in column A is greater.

Question: 75/125

A group of 100 items have a mean of 54. If the mean of 60 of these items is 58, what is the mean of the remaining items?

A.46 B.50 C.52 D.48

Question: 76/125

In a company, a regular work time is 40 hours per week and the rate of payment for overtime work is $1\frac{1}{2}$ times the regular rate (per hour). How much is the payment for an employ who worked 52 hours in a week if his hourly regular payment rate is Birr 30?

A.Birr 2340 B.Birr 2560 C.Birr 1740 D.Birr 1560

Question: 77/125

A person crossed a 600 meters long street in 4 minutes. What was his speed in km per hour?

A.8 km/hr B.7 km/hr C.6 km/hr D.9 km/hr

Question: 78/125

If 60% of members of a club is men, what is the ratio of men to women in the club?

A.5:4 B.4:3 C.5:3 D.3:2

Question: 79/125

Ten cards, $c_1, c_2, c_3, \ldots, c_{10}$, are randomly paired and placed in five pigeonholes. What is the probability that c_1 and c_2 are placed in the same pigeonhole?

A. $\frac{1}{9}$ B. $\frac{1}{10}$ C. $\frac{2}{5}$ D. $\frac{1}{5}$

Question: 80/125

A, B and C are firing at the same target independently. If their probability to hit the target is 0.3, 0.4 and 0.5, respectively, what is the probability that at least one of them hits the target?

A.0.3 B.0.4 C.0.5 D.1

Question: 81/125

Among a group of students, 50% of them like Mathematics, 40% like History and 10% both. What is the probability that a student randomly selected from the group likes neither Mathematics nor History?

A.0.2 B.0.1 C.0.25 D.0

Question: 82/125

A committee of 3 men and 4 women is to be formed from the candidates consisting of 7 men and 8 women. In how many ways can the committee be formed?

A.1050 B.1720 C.2450 D.105

Question: 83/125

In how many different ways can the letters of the word 'COMPARE' be arranged so that the vowels always come together?

A.720 B.840 C.144 D.120

Question: 84/125

Suppose x and y are two quantities related by the equation $y = -\frac{1}{2}x + 2$. What happens to y when x increases by 1?

A. y decreases by $\frac{1}{2}$ B. y increases by 2 C. y decreases by 2

D y increases by $\frac{1}{2}$

Question: 85/125

If $x-2y=3$ and $-2x+3y=-4$, then $x=$_____.

A.3 B.-1 C.-2 D.2

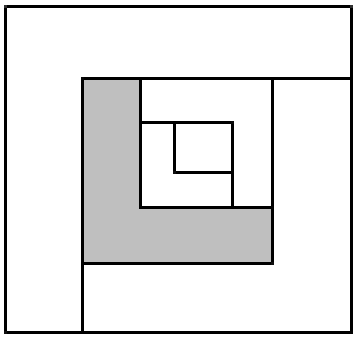
Question: 86/125

Which of the following lines passes through point $P(3,-1)$ in the x-y coordinate plane?

A. $y=-2x+5$ B. $y=2x-5$ C. $y=-3x+1$ D $y=3x-1$

Question: 87/125

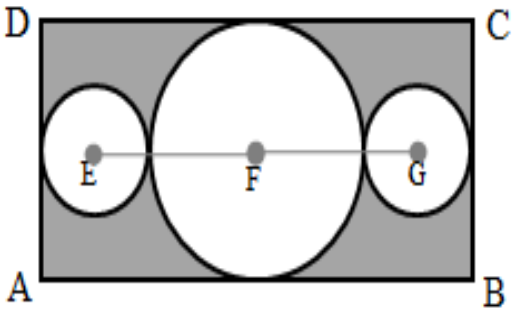
In the Figure below, each quadrilateral is a square. The perimeter of each inner square is two-third the perimeter of the next square containing it. If the area of the smallest square is 8 cm^2, what is the area of the shaded region (in cm^2)?



A. $\frac{405}{16}$ B. $\frac{405}{8}$ C. $\frac{243}{8}$ D. $\frac{243}{4}$

Question: 88/125

In the Figure below, ABCD is a rectangle containing three circles whose centers are on a line segment parallel to $\overline{AB}$ at E, F and G. The two smaller circles has equal radius which is half of the radius of the larger circle. If the area of each of the small circles is π cm^2, what is the area of the shaded region (in cm^2)?



A. $32 - 4\pi$ B. $32 - 6\pi$ C. $24 - 4\pi$ D. $24 - 6\pi$

Question: 89/125

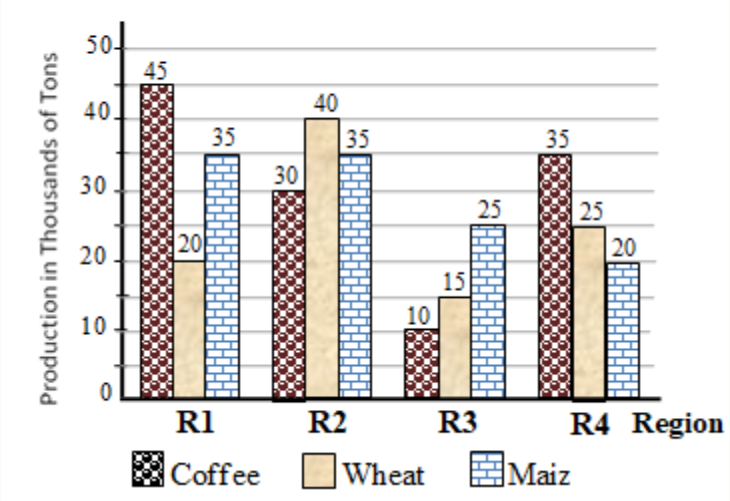
A man walked diagonally across a rectangular plot of land from one of its corner to the opposite. If the plot is 30 m by 40 m, what percentage of distance did he save by not walking along the edges?

A.45% B.71.4% C.65 % D.54.5 %

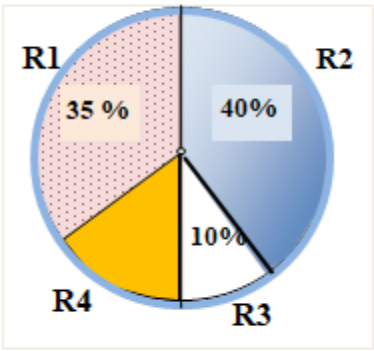
Part Three: Data Interpretation

Questions 90 - 95 refer to the following bar diagrams and pie chart.

I. PRODUCTION OF COFFEE, WHEAT & MAIZE IN FOUR REGIONS R1, R2, R3 & R4



II. PERCENTAGE OF AGRICULTURAL LAND IN THE FOUR REGIONS.



Question: 90/125

Which region's production is the maximum?

A.R4 B.R2 C.R1 D.R3

Question: 91/125

Which region's productivity is the maximum?

(Note: $\text{Productivity} = \frac{\text{Total Production}}{\text{Area of Agricultural Land}}$)

A.R3 B.R4 C.R2 D.R1

Question: 92/125

What is the angle of the sector in the pie chart representing R4?

A.36° B.42° C.72° D.54°

Question: 93/125

What is the ratio of agricultural land in R3 to the agricultural land in R2?

A.1:4 B.3:4 C.1:3 D.2:3

In what percent, the production of Coffee in R1 is more than the production of Coffee in R3?

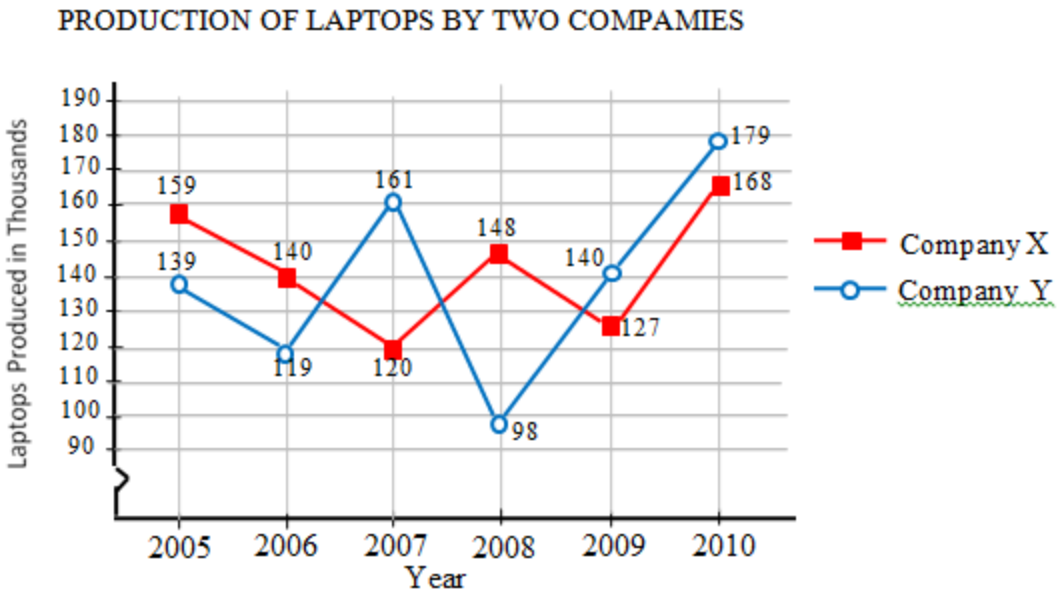
A.350 B.45 C.450 D.35

Question: 95/125

If R1 exports 42% of its Coffee at the rate of $6.50 per kg and R4 exports 39% of its Coffee at the rate of $6 per kg, what is the ratio of the income of R1 to that of R4 from the exports?

A.2:1 B.4:3 C.5:4 D.3:2

Questions 96 - 100 refer to the following graph.



Question: 96/125

What was the maximum difference between the annual productions of the two companies?

A.50000 B.41000 C.41 D.50

Question: 97/125

What was the average annual production for Company X over the given period? (Rounded off to the nearest integer)

A.139333 B.172400 C.144 D.143667

Question: 98/125

The production of laptops by Company X was approximately what percentage of the production by Company Y in year 2008?

A.132% B.66% C.151% D.164%

Question: 99/125

The total production by Company X was approximately what percentage of the total production by Company Y during the period?

A.132% B.66% C.151% D.95%

Question: 100/125

How many times larger was the decrease in production by Company Y in year 2008 than the decrease in year 2006?

A.3.85 B.3.15 C.3.45 D.3.54

Part One: Analytical Reasoning

Directions: The Analytical Reasoning (AR) part is composed of items that measure your ability to make inferences and draw conclusions based on information provided. In this section, you are expected to identify discrepancies, assumptions, choose a statement that weaken/strengthen an argument, evaluate an argument and reason out how the argument is made.

Each of the following questions has four alternative choices. Read the questions carefully and choose the BEST ANSWER from the given alternatives.

Question:101/125

An English school teacher requested her students to try and write children's stories that are relevant to their everyday lives. The idea would be to give their stories a quality of "real life". One of the students decided to base her story upon one of the fictional characters from her favorite novel.

101.Of the following criteria listed below, which would make the most logical sense as criticism against the student's choice for her children's story?

A.The writing techniques that are successful for one writer are frequently unsuccessful for another.

B.The author of her favorite novel would not allow the student permission to use their character.

C.Children’s story writing requires examination of the self in order to develop innovative and original ideas.

D.A story based entirely on the writer’s knowledge of characters from another novel is not likely to include the writer’s personal feelings of real life.

Question:102/125

Music Industry executives have claimed that online file-sharing networks are significantly hurting their business because potential consumers are getting music for free that they would otherwise purchase. However, after file-sharing networks started to become popular, CD sales actually increased.

Which of the following, if true, best explains the apparent contradictions described above?

A.Many consumers have purchased music by artists they discovered through file-sharing networks.

B.File-sharing networks carry a more complete variety of music than most traditional music stories.

C.The few people using file-sharing networks already purchased more music than most people.

D.Many people prefer to store their music as computer files rather than maintain large CD collections.

Question:103/125

Parents of high school students argue that poor attendance is the result of poor motivation. If students’ attitudes improve, regular attendance will result. The

administration, they believe, should concentrate less on making stricter attendance policies and more on increasing students' learning.

Which of the following, if true, would most effectively weaken the parents' argument?

A.Showing a student how to be motivated is insufficient; the students must also accept responsibility for his or her decisions.

B.Unmotivated students do not perform as well in school as other students.

C.The degree of interest in learning that a student develops is a direct result of the amount of time he or she spends in the classroom.

D.Motivation to learn can be improved at home, during time spent with parents.

Question:104/125

A study of children's television-watching habits by the Federal Democratic Republic of Ethiopia: Ministry of Women, Children and Youth Affairs found that children aged 7-10 who watched more than 25 hours of television per week performed worse in school than children of the same age who watched fewer than 25 hours of television per week. Therefore, parents of children aged 7-10 should not allow their children to watch more than 25 hours of television per week.

Which of the following, if true, would best strengthen the argument above?

A. A separate study, by AAU-School of Psychology, found that when parents prohibited their children from watching any television, the children's

reading scores increase rapidly and significantly and stayed high indefinitely.

B.Children who watched more than 25 hours of television per week also performed worse on measures of physical fitness than children who watched fewer than 25 hours per week.

C.The Ministry's study gave appropriate weight to diverse children's backgrounds representative of children nationwide.

D.The television shows that children aged 7-10 are most likely to watch are saturated with advertisements for products, such as toys and candy, of little educational value.

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Question: 105/125

Well over half of all women imprisoned in the city were convicted of crimes related to the use and distribution of illegal drugs. Legalizing marijuana would significantly lower the rate of imprisonment and lower the cost of maintaining the state's prisons dramatically.

What assumption does this argument make?

A.Marijuana is the most popular drug in this state.

B.The use of illegal drugs is not as dangerous as it was once thought.

C.Most illegal drug crimes involve the use and distribution of marijuana.

D.People are in favor of legalizing marijuana.

Question: 106/125

More and more research reports linked sports-related injuries to psychological problems including depression, anxiety and attention disorders. Nonetheless, participation in youth sports teams has never been higher.

Which statement best explains this paradox?

A.Parents are more likely to seek treatment for children's sports-related head injuries than they were in the past.

B.Medical treatment for disorders such as depression and anxiety is widely available, allowing those who suffer from the conditions to lead typical lives.

C.Advanced safety equipment and revised rules for physical contact have resulted in fewer sports-related concussion injuries in recent years than in the past.

D.Because of recent controversies, parents are more skeptical of research-based warnings and tend to adhere to familiar practices

Question: 107/125

Attendance at five of seven theaters in Addis Ababa has increased 15% this season. The theaters that saw increased attendance presented plays by Tsegaye Gebre Medhin as well as performances by Roha Band Orchestra. To ensure continued growth, theaters should continue to schedule performances that appeal to the faculty and staff of the universities in Addis Ababa.

What assumption does this argument make?

A.It assumes that orchestra performances and the plays of Tsegaye Gebre Medhin appeal to similar audiences.

B.It assumes that attendance will continue to increase if these strategies are followed.

C.It assumes that one must have a college degree to enjoy these types of performances.

D.It assumes the audience at the theaters is made up primarily of people associated with the universities in Addis.

Question: 108/125

Digital books are more cost effective, use fewer natural resources to produce, and are much easier to store and transport. With the advent of digital reading applications for phones and tablets, it is likely that paper books will be published less and less frequently and eventually be completely replaced by their digital counterparts at Addis Ababa University libraries.

Which statement, if true, threatens the author's conclusion?

A.Almost 50% of books are presented as gifts to others, and most gift-givers report that they prefer presenting a paper book rather than a certificate for a digital book.

B.Digital books rely on some sort of power source, which concerns some readers, who enjoy reading outside university campuses, where no power is available.

C.Most authors prefer to have their books published on paper, then digitized for e-book readers.

D.Over half of all departments in Addis Ababa university provide students with digital textbooks on tablets.

Question: 109/125

The number one predictor of a job applicant's success in being selected for a position is the applicant's self-confidence. Research has shown that less qualified, but more confident applicants are frequently chosen over those who are less confident, but more qualified. To ensure all young people enter the job market with the confidence they need to succeed, all universities should implement mandatory physical education and personal wellness courses.

What assumption does this argument make, that, if false, would weaken the argument?

A.Young people are more likely to suffer from a lack of self-confidence.

B.Confident job applicants tend to be more successful in all fields

C.A lack of self confidence can lead to long-term unemployment or frequent job changes.

D.One's self confidence is based on one's health and physical fitness.

Question: 110/125

In a town at SNNPR, over 25% of residents live in poverty. The vast majority of unemployed people surveyed reported that they are

actively seeking work. Recently, a newly opened Garment factory attempted to hire 100 workers. Only 3% of residents living in poverty applied for a position in the factory.

Which statement best explains this paradox?

A.The work at the factory was unpleasant or dirty.

B.People living in poverty are often reluctant to give up government funded benefits.

C.Most people living in poverty cannot afford transportation and were unable to take jobs at the factory.

D.Most of those living in poverty are children or the elderly.

Question: 111/125

In recent years, the number of accidents caused by drivers while texting has increased exponentially in Addis Ababa. In fact, traffic polices claim that texting-while-driving is just as dangerous as driving drunk. In order to decrease the number of car accidents caused by distracted drivers using their phones, the City Administration should implement penalties equivalent to those applied to drunk drivers, including heavy fines, and increased jail time. If these penalties are put in place, the number of accidents caused by texting will decrease.

What assumption is unstated, but central to this argument?

A.Texting while driving is dangerous.

B.The penalties in place for drunk driving are effective in curbing the number of accidents.

C.All phones operate the same way and require the same amount of attention for texting.

D.People arrested for driving while under the influence are usually distracted.

Question: 112/125

The supervisor of an accounting firm often repeats the old proverb, "A new broom sweeps clean, but the old brush knows all the corners."

Based on this statement, one can conclude that...

A.the supervisor values some of his more experienced employees, but doesn't hesitate to hire well-qualified new workers.

B.the supervisor frequently hires new employees as they tend to be more thorough than those who have been in their positions for a long time.

C.the supervisor is often disappointed in his employees as they seem to pay less attention to detail than he expects.

D.the supervisor defends his value in the workplace by disparaging newer employees' abilities to attend to the fine details of the work.

Question: 113/125

Lake Tana was once the home of several types of fresh water fish, and a popular tourist spot. Fishing tourists traveled from all over the world to fish for different fish species. In the last ten years, however, although tourism has continued to increase, the number of fish in the lake has decreased. Just five years ago, nearly 75% of all visiting fishermen reported landing at least one fish. This year, only 40% were able to catch a fish. Just over the ridge from Lake Tana big hotels are built and give service to tourists and local residents. Obvious pollution from these hotels has reached the lake, causing the drop off in the number of fish. Steps should be taken immediately to limit the pollution caused by these hotels.

What alternative explanation does the argument ignore?

A.Workers from the tech park are fishing at the lake.

B.The number of people fishing from the lake has increased.

C.People are less skilled at fishing than they once were.

D.The fish have migrated via streams and rivers to a less polluted lake.

The items **114-116** are based on the following resolution: Resolution: ***"The legal voting age in many countries should be lowered to eighteen".*** Some of the following statements are arguments for the resolution, some are arguments against it, and some are neither for nor against the resolution. Read each of the following statements and select the convincing argument.

114.**In most countries it is legal to drive an automobile by the age of eighteen.**

A.It is an argument for the resolution

B.It is neither for nor against the resolution

C.It is an argument against the resolution

D.It is undecided

115. **The ability to vote intelligently increases with age.**

A.It is undecided B.It is an argument against the resolution

C.It is neither for nor against the resolution

D.It is an argument for the resolution

Question: 116/125

The number of eighteen —year-old citizens in the countries is increasing each year.

A.It is an argument against the resolution

B.It is an argument for the resolution

C.It is undecided

D.It is neither for nor against the resolution

Question: 117/125

Given: There are no dancers that aren't slim.

There are no singers that aren't dancers.

Which statement must be true?

A.All singers are slim.

B.Any slim person is also a singer.

C.There is not one slim person that isn't a dancer.

D.All dancers are slim singers.

118.In a restaurant's pantry there are seven kinds of fruits: Strawberry, Banana, Avocado, Beles, Mango, Orange, and Papaya. The restaurant's chef has to pick exactly four different kinds of fruits out of the seven to make a fruit salad. The selected fruits must meet the following conditions:

- Papaya can be selected only if Strawberry is selected.
- Strawberry can be selected only if Orange is selected.
- Either Mango or Orange must be selected but not both.
- Either Papaya or Avocado must be selected but not both.

Which one of the following could be a complete and accurate list of the fruits from which the salad is made up?

A.Papaya, Mango, Banana, Avocado

B.Beles, Papaya, Strawberry, Mango

C.Mango, Orange, Strawberry, Papaya

D.Beles, Orange, Avocado, Banana

Question: 119/125

In the following question, which animal does NOT belong to the other three animals?

A.Tiger B.Elephant C.Leopard D. Lion

Question: 120/125

In the following question, which pair of words is differently related?

A.Iron: Hard B.Ice: Cold C. Cotton: Soft D. Purse: Money

Question: 121/125

In which of the following options is the given words arranged in a meaningful sequence?

1. Infection
2. Consultation
3. Doctor
4. Treatment
5. Recovery

A.2, 3, 5, 1, 4 B.1, 3, 2, 5, 4 C.1, 2, 3, 4, 5 D.1, 3, 2, 4, 5

Question: 122/125

Dejene, Regassa, Mengistu, and Naol are brothers. Who is the heaviest?

I. Regassa is heavier than Dejene and Naol, but lighter than Mengistu

II. Dejene is lighter than Regassa and Mengistu, but heavier than Naol

A.Either statement I or II is sufficient.

B.Statement I alone is sufficient, but statement II alone is not sufficient.

C.Data in both the statements together are not sufficient.

D.Statement II alone is sufficient, but statement I alone is not sufficient.

Question: 123/125

Below are given an assertion and a reason for the assertion. Examine both the assertion and the given reason and choose the correct answer.

Assertion (A): Increased levels of carbon dioxide in the atmosphere would melt the polar ice.

Reason (R): Increased levels of carbon dioxide would increase the temperature.

A. A is true, but R is false.

B.Both A and R are true, but R is not the correct explanation of A.

C.Both A and R are true and R is the correct explanation of A.

D.A is false, but R is true.

Question: 124/125

The Department of Civics in Addis Ababa University wants to appoint a new chairperson, based on seniority. Mr. Gaddisa has less seniority than Mr. Mulugeta, but more than Mrs. Buzuayehu. Mr. Reta has more seniority than Mr. Gaddisa, but less than Mr. Mulugeta. Mr. Mulugeta doesn't want the job. Who will be the new chairperson of the department of Civics?

A.Mrs. Buzuyehu B.Mr. Mulugeta C.Mr. Reta

D.Mr. Gaddisa

Question: 125/125

In the following question two pairs of pictures are given. The first pair is complete, and the second pair is incomplete. Out of the four pictures given below select a picture that will complete the second pair so that pictures in the second pair are related to each other in the same way as the pictures in the first pair are related to each other.



A. 

B. 

C. 

D. 