GAT Sample Test 03

Direction: Choose the lettered word or phrase that is most nearly opposite in meaning to the word in capital letters:

1. CURV:
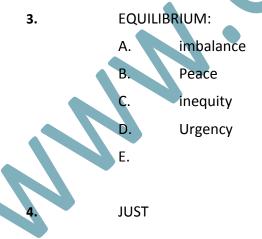
    A. Straight

    B. arc

    C. At right angles

    D. started

    E.

2. Magnify:

    A. Forgive

    B. comprehend

    C. Extract

    D. Diminish

    E. electrify

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3. EQUILIBRIUM:

    A. imbalance

    B. Peace

    C. inequity

    D. Urgency

    E.

4. JUST

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Page 1

A. Able to leave

B. Able to learn

C. Unfair

D. Preferable

E. Rough

5. INCITE

A. Forget

B. Calm

C. Change

D. Involve

E. Produce

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6. CRITICIZE

A. Refuse

B. Constrain

C. Praise

D. Demand

E. Reply

7. CONTROVERT:

A. Predict

B. Bemuse

C. Intend

D. Agree

E. Rectify

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Page 2

8. BOORISH:

    A. Childish

    B. Well-mannered

    C. Weak-minded

    D. Unique

    E. Concealed

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Questions 9-13 are based on the following passage.

It was once believed that being overweight was healthy, but nowadays few people subscribe to this viewpoint. While many people are fighting the battle to lose weight, studies are being conducted concerning the appetite and how it is controlled by both emotional and biochemical factors some of the conclusions of these studies may give insights into how to deal with weight problems. For example, when several hundred people were asked about their eating habits in times of stress, 44 percent said they reacted to stressful situations by eating. Further investigations with both humans and animals indicated that it is not food that relieves tension but rather the act of chewing.

A test in which subjects were blindfolded showed that obese people have a keener sense of taste and crave more flavorful food than people who are extremely overweight. When deprived of variety and intensity of tastes, obese people are rarely satisfied and consequently eat more to fulfill this need. Also blood samples taken from people after they were shown a picture of food revealed that overweight people reacted with an increase in blood insulin, chemical associated with appetite. This did not happen to average-weight people.

In another experiment, results showed that certain people have a specific, biologically induced hunger for carbohydrates. When people eat carbohydrates, the level of serotonin, a neurotransmitter in the brain, rises. Enough serotonin produces a sense of satiation, and as a result, their hunger for carbohydrates subsides.

Exercise has been recommended as an important part of a weight-loss program. However. it has been found that mild exercise, such as using the stairs instead of the elevator, is better in the long run than taking on a strenuous program, such as jogging, which many people find difficult to continue over long periods of time and which also increases appetite.

9. What is the main purpose of the passage?

    A. To discuss the health problems caused by being overweight

    B. To recommend a weight-loss program for the obese

    C. To help overweight people overcome their eating problem

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Page 3

D.   To present research into the factors causing obesity

10.   The italicized lines support which of the following conclusions?

A.   Thin people don't enjoy food as much as overweight people do

B.   A variety of foods and strong flavors satisfy heavy people

C.   Overweight people have an abnormal sense of taste

D.   Deprivation of food makes people fat

E.

11.   According to the passage

A.   Insulin increases in the bloodstream when people eat large amounts of food

B.   Insulin can be used to lessen the appetite

C.   Insulin causes a chemical reaction when food is seen

D.   Insulin levels don't change in average-weight people who see food

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12.   It can be inferred from the passage that for certain people

A.   Eating carbohydrates eliminates hunger

B.   Carbohydrates biologically induce hunger

C.   Carbohydrates don't satisfy a hungry person

D.   Carbohydrates subside when serotonin is produced

E.

13.   The author suggests that it might be good for overweight people wanting to lose weight to do all of the following EXCEPT

A.   Jog fifteen miles daily and look at pictures of food

B.   Walk up stairs instead of using the elevator

C.   Eat plenty of chewy carbohydrates

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Page 4

D.   Avoid stressful situations and eat spicy foods

E.

Complete the sentences by choosing the most appropriate word, from the given lettered choices (A to D/E) below each.

14.   Mercury being the closest, Venus is-------planet to the sun in our solar system

A.   The second of the

B.   Of the second closest

C.   The second closest of the level

D.   The second closest

E.

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15.   According -------the dean, the enrollment is up since last semester

A.   With

B.   To

C.   By

D.   In

16.   After a period of protracted disuse, a muscle will atrophy both its strength and ability to perform its former function.

A.   Regaining

B.   Sustaining

C.   Losing

D.   Insuring

E.   Alleging

17.   It is essential that all teachers------a minimum of a masters

A.   Have

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Page 5

B. Be

C. Are

D. Is

E.

18. After years of unchecked exploitation of its natural resources the state, predictably, has ------ the population of its native plants and animals.

A. Stymied

B. Increased

C. Reduced

D. Normalized

E. Decimated

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19. The weight of the fast man is ------ every else in his family

A. Greater than that of

B. As large as

C. More greater

D. Broader than the one of

E.

20. Although the conditions in which she choose to live suggest that she is miserly, her contributions to charities show that she is -------.

A. Stingy

B. Thrifty

C. Frugal

D. Intolerant

E. Generous

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Page 6

21.   In order to --------museums and legitimate investors and to facilitate the ---------of pilfered artifacts, art magazines often publish photographs of stolen archeological treasures.

A.   Perpetuate… return

B.   Protect … recovery

C.   Encourage … excavation

D.   Undermine … discovery

E.   Confuse…repossession

22.   I 'd like to defer --------your question until I have more information.

A.   Answering

B.   To answer

C.   has answered

D.   Being answered

E.

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Direction: Five lettered pairs (A to E) follow a related pair of words given in capitals. Select the lettered pair that best expresses a relationship similar to that expressed in the original pair in capitals.

23.   Altimeter: height::

A.   Speedometer: velocity

B.   Observatory: constellation

C.   Racetrack: furlong

D.   Vessel : knots

E.   Metronome: tempo

24.   Electricity : wire::

A.   Fluid : pipe

B.   Car: highway

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Page 7

C.   River : bank

D.   Light: bulb

E.   Music : instrument

25.   Shard: glass::

A.   Grain : sand

B.   Morsel : meal

C.   Strand: rope

D.   Scrap: quilt

E.   Splinter: wood

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26.   RESOLVED: DOUBT

A.   Confirmed : suspicion

B.   Announced : candidacy

C.   Included: guest

D.   Suggested: idea

E.   Demolished: opponent

27.   SWORD: WEAPON::

A.   Father: brother

B.   Yacht: boat

C.   Salad: cake

D.   Color: art

E.   Cloth: meters

28.   TORCH: ILLUMINATE::

A.   Stove : bake

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Page 8

B.   Vacuum: clean

C.   Car: run

D.   Phone: write

E.   Pencil: sharpener

29.   RAIN: DELUGE::

A.   Pond: ocean

B.   Desert: camel

C.   Ore: iron

D.   Street: road

E.   Wheat: crop

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30.   DETENTION: RELEASE::

A.   Viciousness: attack

B.   Calamity: repair

C.   Qualification: employ

D.   Induction: discharge

E.   Therapy: confuse

Questions 31-35

Five friends, A,B,F,G and H were eating fruits such that A and B were eating Apples and Bananas, F and B were eating Bananas and Grapes. G and A were eating Mangoes and Apples. H and B were eating Guava and Water melon.

31.   Who among the friends was eating maximum number of fruits?

A.   G

B.   H

C.   A

D.   B

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Page 9

E.   F

32.   Which of the following pairs was eating both Grapes and apples?

A.   F and A

B.   G and B

C.   A and B

D.   B and F

E.   None of the above

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33.   G ,B and A were eating which of the following fruits?

A.   Water melon

B.   Grapes

C.   Mangoes

D.   Guava

E.   Apples

34.   Who among the friends was eating less than two fruits?

A.   Bananas and Grapes

B.   Bananas only

C.   Apples and Bananas

D.   Apples only

E.   Mangoes and apples

35.   Who among the friends was eating less than two fruits?

A.   B

B.   G

C.   A

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Page 10

D.   Data inadequate

E.   There is no such friend

Questions 36-42

In a flower shop, six cars K,L,M,S,T and U must each be scheduled for wedding decoration. The cars are to be decorated one at a time in six consecutive time slots on the same day according to the following conditions:

M cannot be decorated immediately before or immediately after S. L must be decorated immediately before U. K must be decorated fourth.

36.   Which of the following is an acceptable decorating schedule for the cars in order from first decorated to last decorated?

A.   L, T,S,K,M,U

B.   L,U,T,K,S,M

C.   M,T,S,L,U,K

D.   S,T,M,,K,L,U

E.   T,M,S,K,L,U

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37.   If L is decorated second, which of the following must be true?

A.   K is decorated at some time before S.

B.   M is decorated at some time before T.

C.   T is decorated at some time after K.

D.   M is decorated sixth.

E.   S is decorated first.

38.   S can be decorated in any of the following time slots except:

A.   First

B.   Second

C.   Third

D.   Fifth

E.   Sixth

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Page 11

39. If L is decorated first, T must be decorated:

    A.   Immediately before K

    B.   Immediately before S

    C.   At some time before M

    D.   At some time after K

    E.   At some time after S

40. If S is decorated sixth, which of the following is a complete and accurate list of the time slots any one of which could be the time slot in which M is decorated?

    A.   First

    B.   First, seconds

    C.   first, third

    D.   First, second, third

    E.   Second, third, fifth

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41. If U is decorated at some time before M is decorated, L can be decorated:

    A.   Immediately after S

    B.   Immediately after T

    C.   Immediately before T

    D.   At some time after M

    E.   At some time after K

42. If both M and T are decorated at some time after K is decorated, S must be decorated:

    A.   First

    B.   Second

    C.   Third

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Page 12

D.   First or else third

E.   Second or else third

Questions 43-47

Rizwan, Kadir, Akbar and Javed are students of a school. Three of them stay far from the school and near it. Two study in class IV, one in class V and one in class VI. They study English, mathematics, social, science and science. One is good at all the four subjects while another is weak in all of these. Rizwan stays far from the school and is good mathematics only while Kadir of these two nor Akbar studies in class VI. One who is good in all the subjects studies in class V.

43.

Name the boy (s) who is / are good at all the subject.

A.   Rizwan

B.   Kadir

C.   Akbar

D.   Javed

E.   Both A and B

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44.   Name the boy who is week in all the subjects.

A.   Rizwan

B.   Kadir

C.   Akbar

D.   Jawed

E.   None of the above

45.   Which two boys are good in English?

A.   Rizwan and kadir

B.   Kadir and Akbar

C.   Akbar and Jawed

D.   Jawed and Rizwan

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Page 13

E.   None of the above

46.   Which two boys are good in mathematics?

A.   Rizwan and Akbar

B.   Kadir and Akbar

C.   Jawed and Akbar

D.   Rizwan and jawed

E.   None of the above

47.   Other than Rizwan and the boy good in all the subjects, who else stays far from the school?

A.   Rizzwan

B.   Kadir

C.   Akbar
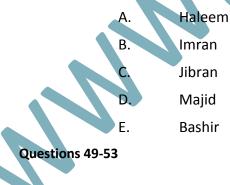
D.   Jawed

E.   None of the above s

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In a group of six friends, there are four cricketers, four swimmers, one weight lifter and three coin collectors. Bashir and Faiza are among the coin collectors while Haleem and Imran are not coin collectors, Imran and Jib ran are among the cricketers. Haleem Faiz, Imran and Jib ran are all swimmers and two of them are also coin collectors.

48.   If Majid is a weight lifter, who among the following is both a cricketer and a coin collector?

A.   Haleem

B.   Imran

C.   Jibran

D.   Majid

E.   Bashir

Questions 49-53

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Page 14

Six managers of a bank Faheem, Gohar, Haleem, Ismail, jawed and Nazir have to be appointed in four cities, the four cities are L,M,P and T. cities L and M are located in countries with dry climates, whereas cities P and T are located in countries with humid climates. The managers must be assigned according to the following rules: each city must have at least one of the managers assigned to it. At least one city in a humid climate must have at least two managers assigned to it.

Gohar cannot be assigned to the same city as Nazir. Ismail must be assigned to a city in dry climate. Javed must be assigned to a city in a humid climate.

49.   Which of the following is an acceptable assignment of the managers to the cities?

A.   Faheem Ismail, Nazir, Haleem, Javed Gohar

B.   Gohar, Nazir, Ismail, Javed, Faheem, Haleem

C.   Gohar, Faheem, Ismail, Nazir, Javed, Haleem

D.   Javed, Gohar, Ismail Haleem, Faheem, Nazir

E.   Nazir, Faheem, Haleem, Ismail, Gohar, Javed

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50.   Which of the following must be assigned either to city L or to city M?s

A.   Faheem

B.   Gohar

C.   Haleem

D.   Ismail

E.   Nazir

51.   Which of the following CANNOT be true?

A.   One manager is assigned to L.

B.   Two manager are assigned to P.

C.   Two managers are assigned to L.

D.   Three managers are assigned to M.

E.   Three managers are assigned to T.

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Page 15

52. If Gohar and Nazir are assigned to cities L and M respectively, which of the following must be true?

A. Faheem is assigned to either P or T.

B. Ismail is assigned to either P or T.

C. P and T each have two managers assigned to them.

D. Haleem is assigned to L.

E. Haleem is assigned to T.

53. If Gohar, Haleem and Nazir are among the managers assigned to cities in humid climates, which of the following must be true?

A. Faheem is assigned to a city to which none of the other five managers is assigned.

B. Gohar is assigned to a city to which none of the other five managers is assigned.

C. Jawed is assigned to the same city as Nazir.

D. Haleem is assigned to the same city as Gohar

E. Haleem is assigned to the same city as Nazir.

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Between 1950 and 1965, the federal government spent one-third more on research and development than industry did from its own funds. In 1980, for the first time, industry spent more on research and development than the federal government did. Representatives of industry claim that these statistics show an increased commitment on the part of industry to develop competitive products.

54. Which of the following, if true, would help to refute the claim of the representatives of industry

A. In a 980 the federal government spent half as much on research and development as it spent in 1965.

B. Between 1965 and 1980, industry in Pakistan experienced increasing competition from industry in other countries.

C. In 1979 the federal government shifted research allocations from pharmaceuticals to electronics.

D. Since 1965, industry has developed major product innovations, such as the personal computer.

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Page 16

E.   Before 1985, money spent by industry on research and development was not taxed by the federal government.

Questions 55-59

Four students Aamir, Nadia Bilal and Shazia are cooking class, each student will work alone or in a pair. Each student or pair of students will cook an item based on the following guidelines:

If Aamir cooks with either Bilal or Shazia, the pair will make a cake. If Nadia works with Aamir, the pair will make cookies. If Nadia works by herself, she will make custard. If Bilal cooks with either Nadia or Shazia the pair will make custard.

If Bilal cooks by himself, he will make cookies.

If Shazia cooks with Nadia the pair will make kheer . If Shazia cooks by herself, she will make kheer.

55.   All of the following could be complete lists of all of the items cooked by the students EXCEPT:

A.   Cake, kheer

B.   Custard, cookies

C.   Custard, custard, cake

D.   Cake , cake, cookies

E.   Cake, custard, kheer, cookies

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56.   If no cake is cooked by the students, which one of the following pairs of students must work together?

A.   Aamir and Nadia

B.   Aamir and Bilal

C.   Nadia and Bilal

D.   Nadia and Shazia

E.   Bilal and Shazia

57.   If exactly two students, work together and that pair makes custard, which one of following could be the items cooked by the students who work on their own?

A.   Cake, custard

B.   Cake, cookies

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Page 17

C.   Custard, kheer

D.   Custard, cookies

E.   Kheer, cookies

58.   If all of the students pair up and exactly custard is made, which one of the following pairs of students cannot work together?

A.   Aamir and Nadia

B.   Aamir and Shazia

C.   Nadia and Bilal

D.   Nadia and Shazia

E.   Bilal and Shazia

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59.   If all of the students pair up and none of the pairs makes an item that the individual students making up that pair would have made if each worked alone, then which one of the following must be the items made by the students?

A.   Cake, custards

B.   Cake, cookies

C.   Custard, kheer

D.   Custard, cookies

E.   Kheer, cookies

Questions 60-63

P ,Q ,R, S, T ,and U are travelling in a bus .

There are two reporters, two technicians, one photographer and one writer in the group.

The photographer P is married to S who is a reporter.

The writer is married to Q who is of the same profession as that of U.

P,R,Q,S, are two married couples and no body in the group has same profession.

U is brother of R.

60.   Which of the following is a pair of technicians?

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Page 18

A.   RS

B.   SU

C.   SP

D.   PT

E.   QU

61.   Which of the following is a pair of reporters?

A.   PQ

B.   RT

C.   ST

D.   SU

E.   PR

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62.   How is R related to U?

A.   Brother

B.   Sister

C.   Uncle

D.   Aunt

E.   Can not be determined

63.   Which of the following pair is a couple?

A.   PQ

B.   QR

C.   QS

D.   PT

E.   PR

Ali is not drinking mango juice and Shahid is drinking orange juice.

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Page 19

Ali and Saad drink different juices.

Feroz alone drinks apple juice.

64.   What is Saad 's juice if all four of them are drinking different juices?

A.   Apple juice

B.   Orange juice

C.   Mango juice

D.   Both mango and orange juice

E.   Can't say

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Questions 65-68

Dr. Aalia has patients Asma, Bano, Chandni, faiza, Hadia, Kiran, and Nida, she will give them medicines' dose after breakfast, lunch and dinner and each patient stays for one or more doses. The following rules will determine when the patients visit: two consecutive doses may not be given to the same patient.

Each dose is given two or more patients.

Whenever Asma stays for a dose, Bano stays for that dose, too.

Kiran visits for the dose immediately before Faiza' s dose. Kiran won't come for the same dose as Nida.

65.   Which of the following is an accurate list of patients who could stay for dose after breakfast?

A.   Asma, Kiran, Nida

B.   Chandni, Hadia, Kiran

C.   Asma, Bano, Kiran, Nida

D.   Asma, Chandni

E.   Faiza, Kiran

66.   Which of the following patients will not come for dose after breakfast?

A.   Kiran

B.   Nida

C.   Chandni

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Page 20

D.   Faiza

E.   Hadia

67.   If only Bano, Chandni, and Faiza, stay for dose after dinner, then which of the following will stay for dose after lunch?

A.   Kiran ,Bano

B.   Nida, Asma

C.   Hadia , Asma

D.   Hadia, Kiran

E.   Hadia, Nida

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68.   If only Bano, Chandni, and Nida, come for dose after breakfast, which of the following will come for dose after dinner?

A.   Chandni

B.   Hadia

C.   Kiran

D.   Nida

E.   Bano

Questions 69-70

Hajra, Kamran, Nazia, Rizwan, and Zubair, are five members of a family.

They have their birth dates from January to May, each member in one of these months.

Each one likes one particular item for his/her birthday out of sweets, chocolates, pastries, ice cream and dry fruits.

The one who likes pastries was born in the month which is exactly middle in the months given.

Rizwan does not like ice cream but brings chocolates, for Hajra in February.

Zubair who is fond of sweets was born in the next month immediately after Nazia.

Nazia does not like dry fruits or ice cream.

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Page 21

69. What is the choice of Kamran?

A. Ice cream

B. Sweets

C. Dry fruits

D. Cannot be determined

E. None of the above

70. In which month was Kamran born?

A. February

B. March

C. January or may

D. Data inadequate

E. None of the above

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71. If n3 is odd, which of the following statements are true?

I. N is odd.
II. N2 is odd.
III. N2 is even.

A. I only

B. II only

C. III only

D. I and II only

E. I and III only

72. Divide 76 in the proportion of 1/2:1/4:1/5

A. 38,23,15

B. 38,79,20

C. 36,20,15

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Page 22

D.   40, 20,16

E.   None of the above

73.   If < × < 1, which of the following could be less then ×?

I.x^2

II. 10 x % of x

III. $\frac{1}{X}$

A.   I only

B.   II only

C.   III only

D.   I and II only

E.   I and III only

74.   If $a = b + \frac{1}{2}$, $b = 2c + \frac{1}{2}$, $c = 3d + \frac{1}{2}$, which of the following is the expression for d in term of a ?

A.   (a-2) /6

B.   (2a-3) /6

C.   (2a-3) /12

D.   (3a-2) /18

E.   (4a-3) /24

75. $\frac{1}{4}$ is the average (arithmetic mean) of $\frac{1}{5}$ and what number?

A.   1/20

B.   3/10

C.   1/3

D.   9/20

E.   9/40

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Page 23

76. The sum of the digits of a two digit number is 7. If the digits are reversed, the new number increased by 3 is equal to four times the original number, the original number is:

   A. 52

   B. 26

   C. 61

   D. 15

   E. 16

77. Munir can do a work in 5 days and Zafar can do the same work in 3 days. How long can they take to complete the work if they both work together?

   A. $1\frac{7}{8}$ days

   B. 8 days

   C. 4 days

   D. 2 days

   E.

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78. A man can row 12 km in 2 hours with stream, 8 km in the same time up stream. Find the velocity of stream and boat.
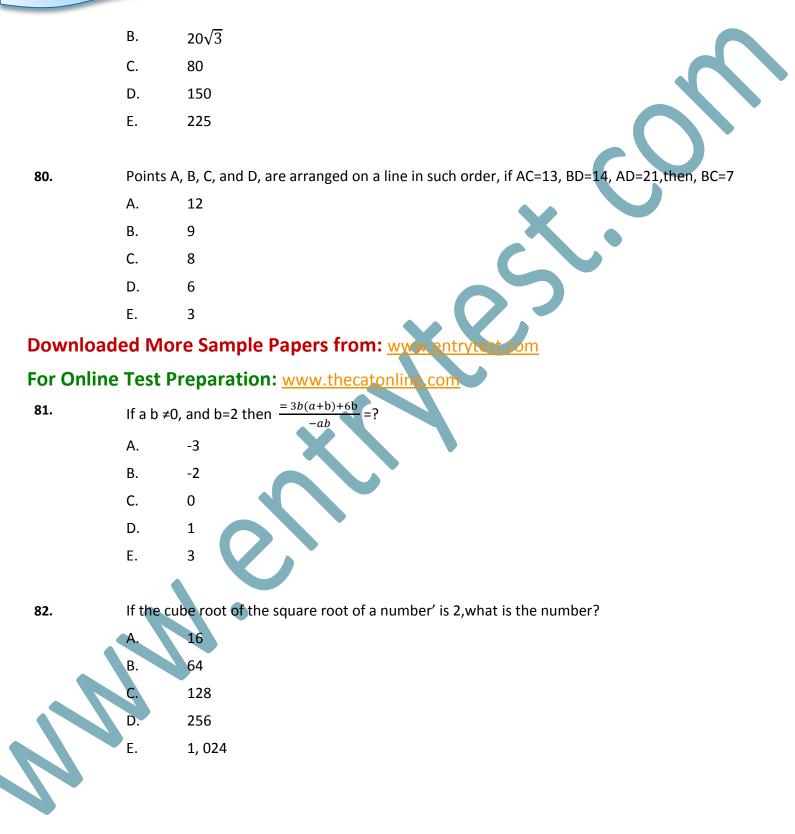
   A. 5 km/ h r

   B. 6 km/ h r

   C. 7 km/ h r

   D. $5\frac{1}{2}$ km/ h r

   E.

79. If the perimeter of a square is 60, what is the area of the square?

   A. $15\sqrt{2}$

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Page 24

B. $20\sqrt{3}$

C. 80

D. 150

E. 225

80. Points A, B, C, and D, are arranged on a line in such order, if AC=13, BD=14, AD=21,then, BC=7

A. 12

B. 9

C. 8

D. 6

E. 3

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81. If a b ≠0, and b=2 then $\dfrac{=3b(a+b)+6b}{-ab}$ =?

A. -3

B. -2

C. 0

D. 1

E. 3

82. If the cube root of the square root of a number' is 2,what is the number?

A. 16

B. 64

C. 128

D. 256

E. 1, 024

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Page 25

83. If company A builds 'a' skateboards per week, and company B builds 'b' skateboards per day, then in m weeks, company A builds how many more skateboards than company B?

    A.   7bm

    B.   M (a-7b)

    C.   7(ma-m b)

    D.   7m(a-b)

    E. $m\frac{(a-b)}{7}$

84. Which of the following is the product of two positive integers whose sum is 3?

    A.   0

    B.   1

    C.   2

    D.   3

    E.

85. How many two- digit numbers are divisible by both 5 and 6?

    A.   None

    B.   One

    C.   Two

    D.   Three

    E.   More than three

86. Sara is twice as old as Junaid. Six years ago, sara was 4 times as old as Junaid was then. How old is Junaid now?

    A.   3

    B.   18

    C.   20

D.   9

E.   Can not be determined

87. $2^{12} + 2^{12} + 2^{12} + 2^{12} = ?$

A. 4^{12}

B. 2^{14}

C. 2^{16}

D. 4^{16}

E. 2^{48}

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88.   A coin was tossed 4 times and has come up head each time. What is the probability that on the next toss head will result again?

A.   0

B.   ¼

C.   4/5

D.   ½

E.   1/32

89.   What is the sum of distinct prime factors of 72?

A.   12

B.   8

C.   9

D.   5

E.   3

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Page 27

90. By noon, $\frac{1}{4}$ of company x 's employees had arrived to work. An hour later, 30 more employees had arrived, raising total attendance to $\frac{1}{2}$ of the total staff, how many employees work for company x?

- A. 30
- B. 45
- C. 50
- D. 120
- E. 135

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91. If a number is rounded to 16.8, which of the following could have been the original number?

- A. 16
- B. 16.704
- C. 16.763
- D. 16.873
- E. 17

g	h
2	10
4	J
1	k

92. In the table above, if h=3g+ 4, what is the value of k?

- A. 12
- B. 16
- C. 27
- D. 36
- E. 52

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Page 28

93.   The product of x and y is a constant if the value of x is increased by 50%, by what percentage must the value of y be decreased?

A.   50%

B.   40%

C. $33\frac{1}{3}$ %

D.   25%

E.   20%

94.   It takes 5 complete turns of the crank to raise a finishing rod hook 2 feet. At this rate, how many turns will it take to raise the hook 4.4feet?

A.   4,4

B.   11

C.   22

D.   33

E.   44

95.   If $3^x = 81$, then $(3^x+^3) (4^x+^1)$ =?

A. $5(7)^5$

B. $9(7)^5$

C. $2(12)^4$

D. $9(12)^5$

E. $2(12)^7$

96.   If' p' is divided into two parts such that 1st part is k% of the other, then the value of the 2nd part is:

A.   p- k

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Page 29

B. $\frac{100+p}{k}$

C. $\frac{100k}{100+p}$

D. $\frac{100p}{100+k}$

E. $p - \frac{k}{100}$

97. The difference between the ages of two persons is 10 years. 15 years ago, the elder one was twice as old as the younger one. The present age of the elder person is:

A. 25 years

B. 35 years

C. 45 years

D. 55 years

E.

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98. A positive integer n is defined as a '' prime interlude'' if n-1 and n+1 are both prime numbers. Which of the following is NOT a ''prime interlude?

A. 4

B. 18

C. 30

D. 72

E. 90

99. If the sum of five consecutive even integers is 740, what is the largest of these integers?

A. 156

B. 152

C. 146

D. 144

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Page 30

E.   142

100.   If an object is moving at a speed of 36 kilometers per hour, how many meters does it travel in second?

A.   10

B.   36

C.   100

D.   360

E.   1000

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Page 31

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