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(Q1-Q5) The assault on the purity of the environment is the price that we pay for many of the benefits of modern technology. For the advantage of automotive transportation, we pay a price in smog-induced diseases; for the powerful effects of new insecticides, we pay a price in dwindling wildlife and disturbances in the relation of living things and their surroundings; for nuclear power, we risk the biological hazards of radiation. By increasing agricultural production with fertilizers, we worsen water population.

The highly developed nations of the world are not only the immediate beneficiaries of the good that technology can do, that are also the first victims of environmental diseases that technology breeds. In the past, the environmental effects which accompanied technological progress were restricted to a small and relatively short time. Modern air pollutants cover vast areas of continents: Radioactive fallout from the nuclear explosion is worldwide. Radioactive pollutants now on the earth surface will be found there for generations, and in case of Carbon-14, for thousands of years.

1. The widespread use of insecticides has
- A. reduced the number of wild animals
  - B. caused imbalance in the relationship between living beings and their environment
  - C. eliminated diseases by killing mosquitoes and flies
  - D. caused biological hazards

☐ A ☒ B ☐ C ☐ D

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☐ A ☒ B ☐ C ☐ D

2. The passage emphasizes that modern technology

- A. is an unmixed blessing
- B. has caused serious hazards to life
- C. has produced powerful chemicals
- D. has benefited highly developed nations

☐ A ☒ B ☐ C ☐ D

3. According to the passage the increasing use of fertilisers is responsible for

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- B. has caused serious hazards to life  
C. has produced powerful chemicals  
D. has benefited highly developed nations

☐ A ☒ B ☐ C ☐ D

Clear Answer

Mark For Review

3. According to the passage the increasing use of fertilisers is responsible for

- A. abundance of food  
B. disturbance in the ecological system  
C. water pollution  
D. increase in diseases

☐ A ☐ B ☒ C ☐ D

Clear Answer

Mark For Review

4. The harmful effects of modern technology are

- A. widespread but short-lived  
☒ B. widespread and long-lasting  
C. limited and long-lasting  
D. severe but short-lived



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D. increase in diseases

☐ A ☐ B ☒ C ☐ D

Clear Answer

Mark For Review

4. The harmful effects of modern technology are

- A. widespread but short-lived
- B. widespread and long-lasting
- C. limited and long-lasting
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☐ A ☒ B ☐ C ☐ D

Clear Answer

Mark For Review

5. Radioactive pollutants

- A. are limited in their effect
- B. will infect the atmosphere for thousands of years
- C. will be on the surface of earth for a very long time
- D. will dissipate in short span of time

☐ A ☐ B ☒ C ☐ D

Clear Answer

Mark For Review

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5. Radioactive pollutants

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☐ A ☐ B ☒ C ☐ D

6. Neither C++ nor Java ..... as complicated as Python.

The correct answer is:

B: is

Explanation:

When comparing two singular subjects (C++ and Java) joined by "nor," the verb should agree with the closest subject, which is "Java" in this case. Therefore, the correct form of the verb is "is," making the sentence grammatically correct: "Neither C++ nor Java is as complicated as Python."

A: are      B: is      C: have      D: has

☒ A ☐ B ☐ C ☐ D

7. I visit my parents ..... as I work in a different city. Fill in the blank with the appropriate idiom.

A: visit my parents

B: visit my parents

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6. Neither C++ nor Java ..... as complicated as Python.

A: are      B: is      C: have      D: has

☒ A ☐ B ☐ C ☐ D

7. I visit my parents ..... as I work in a different city. Fill in the blank with the appropriate idiom.

A: once in a month      B: once in a blue moon  
C: once in a full moon      D: once in a white moon

The appropriate idiom to complete the sentence is **\*\*B: once in a blue moon\*\***. It means something that happens very rarely or infrequently. So the complete sentence would be: "I visit my parents once in a blue moon as I work in a different city."

☐ A ☒ B ☐ C ☐ D

8. Muslims ..... during the month of Ramadan.

A: fast      B: fasts      C: has fast      D: have fast

Fast" is the correct verb form used in this context to indicate the act of abstaining from food and drink from dawn until sunset during Ramadan. The word "fasts" (option B) is also acceptable in the singular form if referring to an individual, but in general statements, "fast" is more commonly used. Options C and D are grammatically incorrect as they do not match the subject-verb agreement for "Muslims," which is plural.

☒ A ☐ B ☐ C ☐ D

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9. They have ..... their lessons for life.

A: learn

B: learned

C: learning

D: learnt

☐ A ☒ B ☐ C ☐ D

So, the sentence would be: "They have learned their lessons for life."

Explanation:

- "Learned" is the past participle form of the verb "learn." In this sentence, it is used with the auxiliary verb "have" to form the present perfect tense, indicating that the action of learning lessons occurred in the past and has relevance to the present. Options A, C, and D are not correct in this context grammatically.

10. The meter is not showing the ..... fare.

A: right

B: rite

C: write

D: wright

☒ A ☐ B ☐ C ☐ D

"Right" in this context means correct or accurate, which is appropriate for describing the fare displayed on a meter. Options B, C, and D are incorrect as they do not convey the intended meaning in this sentence.

11. Look ..... a dictionary and check the meaning of that word.

A: in

B: at

C: into

D: up

☐ A ☐ B ☐ C ☒ D

Look up" is a phrasal verb that means to search for information in a reference book or database. It is commonly used when searching for information in a dictionary. Options A, B, and C do not fit as well in this context compared to "look up.

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☐ A ☐ B ☐ C ☒ D

12. Don't try that. It is too .....

A: risk

B: much risk

C: risky

D: risked

Risk is a noun that refers to the possibility of danger or loss.  
Much risk is grammatically awkward and not a common way to express the idea.  
Risky is an adjective that describes something as involving or having risk.  
Risked is the past tense verb form, indicating an action that already happened.

☐ A ☐ B ☒ C ☐ D

13. Let's not worry. She will ..... do it.

A: sure

B: of sure

C: assure

D: surely

Surely" is an adverb that means certainly or without doubt, which correctly completes the sentence. Options A, B, and C do not fit grammatically or contextually in this sentence

☐ A ☐ B ☐ C ☒ D

14. Which of the following parts of speech is not grammatically related to any other part of a sentence?

A: Preposition

B: Conjunction

☒ Interjection

D: Article

Interjections are words or phrases that express emotion or exclamation and do not grammatically relate to other parts of the sentence. They stand alone to convey feelings or reactions. Examples include "Wow!", "Oh!", "Hey!", etc.  
Prepositions (A), conjunctions (B), and articles (D) are all parts of speech that serve specific grammatical functions within a sentence.



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☐ A ☐ B ☒ C ☐ D

15. "Barking dogs ..... bite" is a famous proverb.

A: never

B: rarely

C: seldom

D: don't

The complete proverb is "Barking dogs never bite."  
This proverb means that people who make the most noise or threats are often not dangerous or harmful.  
Therefore, the correct choice to complete the proverb is "never".

☒ A ☐ B ☐ C ☐ D

16. .... verbs allow the voice change from active to passive.

A: Transitive

B: Intransitive

C: Regular

D: Irregular

Transitive verbs are verbs that can take a direct object. They are crucial for forming passive voice sentences because passive voice constructions require a direct object that becomes the subject of the passive sentence.  
In passive voice, the direct object of an active voice sentence becomes the subject of the passive voice sentence.

☒ A ☐ B ☐ C ☐ D

17. Modem is a/an ..... for Modulator-Demodulator.

A: abbreviation

B: portmanteau

☒ C: acronym

D: contraction

An acronym is a word formed from the initial letters or parts of a series of words, such as "NASA" (National Aeronautics and Space Administration). "Modem" is an acronym for "Modulator-Demodulator," where each letter in "modem" represents the initial letters of the words in the phrase.

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18. In the sentence "Better late than never", late and never are .....

A: adjectives

B: nouns

C: verbs

D: adverbs

☐ A ☐ B ☐ C ☒ D

In the sentence "Better late than never," the words "late" and "never" are used to modify the verb "better," indicating how the action (being late) compares to the alternative (never). Adverbs typically modify verbs, adjectives, or other adverbs to provide additional information about time, manner, place, degree, etc. In this case, "late" and "never" modify the verb "better," making them adverbs in this context.

19. Man ..... meddling with nature for a long time now.

A: is

B: had been

C: has been

D: have been

☐ A ☐ B ☒ C ☐ D

The sentence "Man has been meddling with nature for a long time now" uses the present perfect continuous tense. "Has been" is used with the subject "Man" to indicate an action that started in the past and is still ongoing up to the present moment. The present perfect continuous tense is formed with "has/have been" + present participle ("-ing" form of the verb).

20. Rather than reality, most people like to stay in ..... utopian world.

A: an

B: the

C: that

D: a

☐ A ☐ B ☐ C ☒ D

"utopian world" refers to any idealized, perfect world, not a specific one that the speaker and listener have previously discussed or are both aware of. Since it is not specific, we use the indefinite article "a".

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21. The population of a town increases 10% and 20% respectively in two consecutive years. The present population of the town is 10000. Then what will be the population of the town 2 years later?

A: 12100                      B: 13200                      C: 14400                      D: 12000

☐ A ☒ B ☐ C ☐ D

Clear Answer

Mark For Review

To calculate the population of the town 2 years later after it increases by 10% and 20% in two consecutive years, we follow these steps:  
1. **Initial Population**: Given that the present population is 10,000.  
2. **First Year Increase**: Population increases by 10%.  
{Population after first year} = 10000 + (10% \* 10000) = 10000 + 1000 = 11000  
3. **Second Year Increase**: Now, the population increases by 20% on the increased population from the first year.  
{Population after second year} = 11000 + (20% \* 11000) = 11000 + 2200 = 13200  
Therefore, the population of the town 2 years later will be 13200.

22. A sum of money is to be distributed among A, B, C, D in the proportion of 5 : 2 : 4 : 3. If C gets Rs.1000 more than B, what is D's share?

A: 500                      B: 1000                      C: 1500                      D: 2000

☐ A ☐ B ☒ C ☐ D

Clear Answer

Mark For Review

According to the problem, C's share is Rs. 1000 more than B's share:  
 $4x = 2x + 1000$

Solving for x:  
 $4x - 2x = 1000$   
 $2x = 1000$   
 $x = 500$

Now, we can find the shares of A, B, C, and D:  
- A's share:  $5x = 5 * 500 = 2500$   
- B's share:  $2x = 2 * 500 = 1000$   
- C's share:  $4x = 4 * 500 = 2000$   
- D's share:  $3x = 3 * 500 = 1500$

So, D's share is 1500.

23. 2 dragons and 8 unicorns are bought at an average of Rs.140. If the average price of a unicorn is Rs.60. What is the average price of a dragon?

☒ 460                      B: 920                      C: 960                      D: 480

1. **Total Cost**:  
- We know the average price per creature (Rs.140) and the total number of creatures (2 + 8 = 10).  
- Total Cost = Average Price per Creature \* Total Number of Creatures  
- Total Cost = Rs.140/creature \* 10 creatures = Rs.1400  
2. **Cost of Unicorns**:  
- We know the number of unicorns (8) and their price per unicorn (Rs.60).  
- Cost of Unicorns = Number of Unicorns \* Price per Unicorn  
- Cost of Unicorns = 8 unicorns \* Rs.60/unicorn = Rs.480  
3. **Cost of Dragons (assuming all remaining cost goes to dragons)**:  
- Total cost - Cost of unicorns = Cost of dragons  
- Cost of Dragons = Rs.1400 (total cost) - Rs.480 (cost of unicorns) = Rs.920  
4. **Average Price of a Dragon**:  
- We know the total cost spent on dragons (Rs.920) and the number of dragons (2).  
- Average Price of a Dragon = Total Cost of Dragons / Number of Dragons  
- Average Price of a Dragon = Rs.920 / 2 dragons = Rs.460



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☒ A ☐ B ☐ C ☐ D

24. A shopkeeper sells 40 meters of cloth. His gain is equivalent to the selling price of 10 meters. Find the gain percent.

A: 25%      B: 20%      C: 33.33%      D: 50%

☐ A ☐ B ☒ C ☐ D

25. The HCF of 1.08, 0.36 and 0.9 is:

A: 0.108      B: 0.18      C: 0.9      D: 0.3

☐ A ☒ B ☐ C ☐ D

26. Which of the following numbers is divisible by each one of 3, 7, 9 and 11?

A: 7911      B: 37911      C: 639      ☒ 2079

To find the highest common factor (HCF) of the decimal numbers 1.08, 0.36, and 0.9, we can follow these steps:

- Convert the decimals to whole numbers by multiplying by 100 to remove the decimal places:
  - $1.08 \times 100 = 108$
  - $0.36 \times 100 = 36$
  - $0.9 \times 100 = 90$
- Find the HCF of the whole numbers 108, 36, and 90.  
To find the HCF of 108, 36, and 90, we can use the Euclidean algorithm:
  - First, find the HCF of 108 and 36:
    - $108 \div 36 = 3$  with no remainder, so  $\text{HCF}(108, 36) = 36$ .
  - Next, find the HCF of 36 and 90:
    - $90 \div 36 = 2$  with a remainder of 18, so we proceed with 36 and 18.
    - $36 \div 18 = 2$  with no remainder, so  $\text{HCF}(36, 90) = 18$ .Therefore, the HCF of 108, 36, and 90 is 18.
- Convert the HCF back to the original scale by dividing by 100:
  - HCF of the original numbers =  $18 \div 100 = 0.18$ .

Divisibility by 3:  $2 + 0 + 7 + 9 = 18$  (divisible by 3)  
Divisibility by 7:  $2079 \div 7 = 297$  (divisible by 7)  
Divisibility by 9:  $2 + 0 + 7 + 9 = 18$  (divisible by 9)  
Divisibility by 11:  $(2 + 7) - (0 + 9) = 9 - 9 = 0$  (divisible by 11)  
2079 is divisible by 3, 7, 9, and 11.



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27. A starts business with Rs. 3500 and after 5 months, B joins with A as his partner. After a year, the profit is divided in the ratio 2 : 3. What is B's contribution in the capital?

LATER GPT not working Well

A: 7500

B: 8000

C: 8500

D: 9000

☐ A ☐ B ☐ C ☐ D

Clear Answer

Mark For Review

28. A bag contains 7 red, 5 blue and 3 green balls. If 2 balls are picked at random, what is the probability that the first is red and the second is blue?

LATER: AI GPT not working Well

A: 2/15

B: 1/6

C: 4/5

D: 3/10

☐ A ☐ B ☐ C ☐ D

Clear Answer

Mark For Review

29. A is two years older than B, who is twice as old as C. If the total of the ages of A, B and C be 27, the how old is B?

☒ 10 years

B: 3 years

C: 4 years

D: 9 years

Age of C:  
Let's assume C's age is (x) years.  
Age of B:  
B is twice as old as C, so B's age is (2x) years.  
Age of A:  
A is two years older than B, so A's age is (2x + 2) years.  
Total of their ages:  
(A + B + C = 27)  
((2x + 2) + 2x + x = 27)  
(5x + 2 = 27)  
(5x = 25)  
(x = 5)  
Age of B:  
B's age = (2x = 2 . 5 = 10) years.

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☒ A ☐ B ☐ C ☐ D

30. Through how many degrees will the hour hand rotate from 5 o'clock in the evening up to when the clock shows 11:15 p.m. on the same day?

A: 180.50°      B: 195°      C: 187.50°      D: 150.50°

☐ A ☐ B ☒ C ☐ D

31. How many kilogram of sugar costing Rs. 9 per kg must be mixed with 27 kg of sugar costing Rs. 7 per kg so that the mixture costs Rs. 8.4 per kg?

A: Rs 63/kg      B: Rs 60/kg      C: Rs 49/kg      D: Rs. 44/kg

☒ A ☐ B ☐ C ☐ D

The total cost of the mixture should be the weighted average of the costs of the two types of sugar

Total cost equation:

$$9x + 7.27 / x + 27 = 8.4$$

Multiply both sides by  $x + 27$  to eliminate the denominator:

$$9x + 189 = 8.4x + 226.8$$

Subtract  $8.4x$  and  $189$  from both sides

$$0.6x = 37.8$$

Divide both sides by  $0.6$  to solve for  $x$  :

$$x = 37.8 / 0.6 = 63$$

Therefore, you need 63 kilograms of sugar costing Rs. 9 per kg to mix with 27 kilograms of sugar costing Rs. 7 per kg to get a mixture costing Rs. 8.4 per kg

32. A hall is 15 m long and 12 m broad. If the sum of the areas of the floor and the ceiling is equal to the sum of the areas of four walls, the volume of the hall is:

A: 720      B: 900      C: 1800      ☒ 1200

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33. The difference between the CI and SI on a certain sum at 10% per annum for 2 years is Rs. 631. Find sum.

A: Rs. 63100

B: Rs. 6310

C: Rs. 63200

D: Rs. 60000

☒ A ☐ B ☐ C ☐ D

34. Two trains for Hogwarts leave Narnia at 6 a.m. and 6:45 a.m. and travel at 100 kmph and 136 kmph respectively. How many kilometers from Narnia will the two trains be together?

A. 272 km

B. 260 km

C. 283.33 km

D. 262.4 km

☐ A ☐ B ☒ C ☐ D

35. A software programmer provider has been training its manpower in such a way that 36 programmers could write 36 software programs of similar nature in 36 hours. The company has received an order for getting 84 software programs of similar nature in 24 hours. How many additional programmers should the company employ for this project?

To find the sum where the difference between the compound interest (CI) and simple interest (SI) at 10% per annum for 2 years is Rs. 631, we can use the following formula for the difference between CI and SI:

$$\text{Difference} = P((R/100)^2)$$

Where:

- P is the principal amount
- R is the rate of interest (10% in this case)
- The time period is 2 years

Given:

$$\text{Difference} = 631$$

$$R = 10\%$$

Plugging in the values:

$$631 = P((10/100)^2)$$

$$631 = P((0.1)^2)$$

$$631 = P * 0.01$$

$$P = 631/0.01$$

$$P = 63100$$

So, the sum is 63100



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Rs. 631. Find sum.

A: Rs. 63100

B: Rs. 6310

C: Rs. 63200

D: Rs. 60000

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A: 126

☒ 90

C: 100

D: 80

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5	22	39
6	23	40
7	24	41
8	25	42
9	26	43
10	27	44
11	28	45
12	29	46
13	30	47
14	31	48
15	32	49
16	33	50
17	34	

35. A software programmer provider has been training its manpower in such a way that 36 programmers could write 36 software programs of similar nature in 36 hours. The company has received an order for getting 84 software programs of similar nature in 24 hours. How many additional programmers should the company employ for this project?

- A: 126                      B: 90                      C: 100                      D: 80

☐ A ☒ B ☐ C ☐ D

Clear Answer

Mark For Review

36 Question :            In which year was Rahul born?

Statements :

- I. Rahul at present is 25 years younger than his mother.  
II. Rahul's brother Bruce, who was born in 1964, is 35 years younger to his mother.

Which statement(s) is/are needed to find the answer?

- A: Only I    B: Only II  
C: Both I and II together                      D: Data insufficient

☐ A ☐ B ☒ C ☐ D

Clear Answer

Mark For Review

To determine the year in which Rahul was born, let's analyze the given statements:  
"Rahul at present is 25 years younger than his mother."  
This tells us the age difference between Rahul and his mother, but it does not provide any specific years to work with.  
"Rahul's brother Bruce, who was born in 1964, is 35 years younger to his mother."  
This tells us two things:  
1. Bruce was born in 1964.  
2. Bruce is 35 years younger than their mother.  
Using Statement II, we can calculate the mother's birth year:  
 $\text{Mother's birth year} = 1964 - 35 = 1929$   
1. From Statement II, we know the mother was born in 1929.  
2. From Statement I, we know Rahul is 25 years younger than his mother.  
Therefore, Rahul's birth year can be calculated as:  
 $\text{Rahul's birth year} = \text{Mother's birth year} + 25 = 1929 + 25 = 1954$   
To find the year in which Rahul was born, we need both statements together. Statement I alone only gives the age difference between Rahul and his mother, and Statement II alone gives the birth year of Bruce and the age difference between Bruce and his mother, but not enough to determine Rahul's birth year by itself.

# CCAT

1	18	35
2	19	36
3	20	37
4	21	38
5	22	39
6	23	40
7	24	41
8	25	42
9	26	43
10	27	44
11	28	45
12	29	46
13	30	47
14	31	48
15	32	49
16	33	50
17	34	

37. The knowledge of 6 persons X, Y, Z, A, B and C in relation to each other is given. X knows more than A. Y knows as much as B. Z knows less than C, who knows less than B. A knows more than Y. The most knowledgeable person amongst all is:

A: X

B: Y

C: A

D: C



A



B



C



D

Clear Answer

Mark For Review

Let's analyze the given information to determine the most knowledgeable person:

X knows more than A.

Y knows as much as B.

Z knows less than C, who knows less than B.

A knows more than Y.

From the given information, we can infer the following order of knowledge:

Least Knowledgeable:  $Z < C < B$

Intermediate Knowledge:  $A = Y$

Most Knowledgeable: X

Therefore, the most knowledgeable person is X (option A).

38. If in a certain language, MADRAS is coded as NBESBT, how is BOMBAY coded in that code?

A: CPNCBX

B: CPNCBZ

C: CPOCBZ

D: CQOCBZ



A



B



C



D

Clear Answer

Mark For Review

39. Fill in the blank to complete the series.  
SCD, TEF, UGH, \_\_\_\_\_, WKL

A: VMN

B: UJI



VIJ

D: IJT

The pattern in the given series "SCD, TEF, UGH, WKL" involves shifting each letter by a certain number of positions in the alphabet:

- SCD: Each letter is shifted by +1 position

- TEF: Each letter is shifted by +1 position

- UGH: Each letter is shifted by +1 position

- WKL: Each letter is shifted by +2 positions

Following this pattern:

- Start with "UGH" where each letter is shifted by +1 position:

-  $U + 1 = V$

-  $G + 1 = H$

-  $H + 1 = I$

So, the next term in the series after "UGH" where each letter is shifted by +1 position would be "VIJ".

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# CCAT

1	18	35
2	19	36
3	20	37
4	21	38
5	22	39 ✓
6	23	40
7	24	41
8	25	42
9	26	43
10	27	44
11	28	45
12	29	46
13	30	47
14	31	48
15	32	49
16	33	50
17	34	

40. Fill in the blank to complete the series.  
9, 3, 1, (1/3), \_\_\_\_\_

9 divided by 3 equals 3.  
3 divided by 3 equals 1.  
1 divided by 3 equals 1/3.  
Continuing the pattern, we divide 1/3 by 3:

A: 1/6      B: 1/12      C: 1/4      D: 1/9

☐ A ☐ B ☐ C ☒ D

41. By using which mathematical operations will the expression "36 ? 12 ? 18 ? 54" become correct?

\*\*Option B: /, x, =\*\*  
36 / 12 \* 18 = 54  
36 / 12 = 3  
3 \* 18 = 54  
This results in 54.

A: x, /, =      B: /, x, =      C: x, +, =      D: +, -, =

☐ A ☒ B ☐ C ☐ D

42. Choose the set in which the statements are logically related.  
I. X and Y are siblings.  
II. X and Y do not quarrel.  
III. Siblings are known to quarrel often.  
IV. X and Y quarrel often.



# CCAT

1	18	35
2	19	36
3	20	37
4	21	38
5	22	39 ✓
6	23	40 ✓
7	24	41 ✓
8	25	42
9	26	43
10	27	44
11	28	45
12	29	46
13	30	47
14	31	48
15	32	49
16	33	50
17	34	

A: II, IV, V

B: I, IV, VI

C: I, III, IV

D: I, II, V

☐ A ☐ B ☒ C ☐ D

Clear Answer

Mark For Review

43. Bran said to Rickon, "That boy playing with the football is the younger of the two sons of the daughter of my father's wife." How is the boy playing football related to Bran?

A: Brother-in-law

B: Son

C: Nephew

D: Brother

☐ A ☐ B ☐ C ☒ D

Clear Answer

Mark For Review

44. Choose the word which is different from the rest.

A: Walk

B: Pull

C: Hear

D: Jump

Walk, Pull, and Jump are all physical actions that involve movement or exertion. Hear, on the other hand, is a sensory perception rather than a physical action. It involves perceiving sound rather than physical movement.

☐ A ☐ B ☒ C ☐ D

Clear Answer

Mark For Review

45. AA, BB, CC, DD and EE are five girls competing in a running race. CC and AA have

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# CCAT

1	18	35
2	19	36
3	20	37
4	21	38
5	22	39 ✓
6	23	40 ✓
7	24	41 ✓
8	25	42
9	26	43
10	27	44 ✓
11	28	45
12	29	46
13	30	47
14	31	48
15	32	49
16	33	50
17	34	

☐ A ☐ B ☐ C ☐ D

44. Choose the word which is different from the rest.

A: Walk

B: Pull

C: Hear

D: Jump

☐ A ☐ B ☒ C ☐ D

45. AA, BB, CC, DD and EE are five girls competing in a running race. CC and AA have at least two girls ahead of each of them. EE and AA do not have more than one girl behind each of them. Who arrives at the finish line after two girls as well as before two other girls, if no two girls finish the race at the same time?

A: BB

B: DD

C: EE

D: CC

☒ A ☐ B ☐ C ☐ D

46. At a buffet, six sweets are in a circular order on a table. Chocobar is opposite to Doughnut. There is one sweet between Eclairs and Froyo. Icecream sandwich is to immediate right of Doughnut. Kitkat is one of the sweets. Which sweet is second to the left of Icecream sandwich?

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# CCAT

1	18	35
2	19	36
3	20	37
4	21	38
5	22	39 ✓
6	23	40 ✓
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8	25	42
9	26	43
10	27	44 ✓
11	28	45
12	29	46
13	30	47
14	31	48
15	32	49
16	33	50
17	34	

☒ A ☐ B ☐ C ☐ D

46. At a buffet, six sweets are in a circular order on a table. Chocobar is opposite to Doughnut. There is one sweet between Eclairs and Froyo. Icecream sandwich is to immediate right of Doughnut. Kitkat is one of the sweets. Which sweet is second to the left of Icecream sandwich?

A: Eclairs

B: Froyo

C: Kitkat

D: A or B

☒ A ☐ B ☐ C ☐ D

47. A boy runs 5 km towards East and then turns left and walks 6 km. Again he turns right and walks 9 km. Finally, he turns to his right and walks 6 km. How far is he from the starting point and in which direction?

A. 9km, West

B. 14km, East

C. 9km, East

D. 14km, West

☐ A ☐ B ☐ C ☐ D

48. Three friends had dinner at a restaurant. When the bill was received, Chandler paid

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# CCAT

1	18	35
2	19	36
3	20	37
4	21	38
5	22	39 ✓
6	23	40 ✓
7	24	41 ✓
8	25	42
9	26	43
10	27	44 ✓
11	28	45
12	29	46 ✓
13	30	47
14	31	48
15	32	49
16	33	50
17	34	

48. Three friends had dinner at a restaurant. When the bill was received, Chandler paid  $\frac{2}{3}$  as much as Joey paid and Joey paid  $\frac{1}{2}$  as much as Ross paid. What fraction of the bill did Joey pay?

A:  $\frac{1}{3}$

B:  $\frac{3}{11}$

C:  $\frac{12}{13}$

D:  $\frac{5}{8}$

☐ A ☒ B ☐ C ☐ D Clear Answer Mark For Review

49. A family consists of six members P, Q, R, S, T and U. There are two married couples. Q is a doctor and the father of T. U is grandfather of R and is a contractor. S is grandmother of T and is a housewife. There is one doctor, one contractor, one nurse, one housewife and two students in the family. Which of the following is definitely a group of male members?

A: QU

B: QUT

C: QUP

D: UT

☒ A ☐ B ☐ C ☐ D Clear Answer Mark For Review

From the given information:

A: QU includes Q (male) and U (male), so this is a group of male members.

B: QUT includes Q (male), U (male), and T (gender unspecified), so T's gender is not confirmed.

C: QUP includes Q (male), U (male), and P (gender unspecified), so P's gender is not confirmed.

D: UT includes U (male) and T (gender unspecified), so T's gender is not confirmed. Based on the information that Q and U are definitely male, the group that definitely consists of male members is:

50. Tom started chasing Jerry from the dining table, ran behind him for 16 m towards South-West, from there 2 m towards the East, then 9 m towards North, and then 2 m towards East and finally he ran for 7 m till the door in the North and caught Jerry. In

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# CCAT

1	18	35
2	19	36
3	20	37
4	21	38
5	22	39 ✓
6	23	40 ✓
7	24	41 ✓
8	25	42
9	26	43
10	27	44 ✓
11	28	45
12	29	46 ✓
13	30	47
14	31	48
15	32	49
16	33	50
17	34	

☐ A
 ☐ B
 ☐ C
 ☐ D
 Clear Answer

49. A family consists of six members P, Q, R, S, T and U. There are two married couples. Q is a doctor and the father of T. U is grandfather of R and is a contractor. S is grandmother of T and is a housewife. There is one doctor, one contractor, one nurse, one housewife and two students in the family. Which of the following is definitely a group of male members?

A: QU

B: QUT

C: QUP

D: UT

☒ A
 ☐ B
 ☐ C
 ☐ D
 Clear Answer

50. Tom started chasing Jerry from the dining table, ran behind him for 16½ m towards South-West, from there 2 m towards the East, then 9 m towards North, and then 2 m towards East and finally he ran for 7 m till the door in the North and caught Jerry. In which direction is the dining table with respect to the door?

A. North-West

B. West

C. East

D. South-East

☐ A
 ☐ B
 ☐ C
 ☒ D
 Clear Answer

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