



CMAT Expected Paper (Difficulty: Easy medium)

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Ck CMAT Finale Sheet



Section	Ques	Marks	Time	Target Score		Attempt Score	
				Final	MyScore	Final	MyScore
Quant & DI	20	80	50	70		18	
Logical Reasoning	20	80	50	70		18	
Language Compre	20	80	45	60		15	
Innov & Entrep	20	80	20	50		13	
General Awareness	20	80	15	50		13	
	100	400	180	300		75	
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Logical Reasoning

1. Six male friends A, B, C, D, E and F are married to R, S, U, V, T and W, not necessarily in same order. Following facts are known about them:-

- R and S are A's sisters.
- Neither R nor T are wives of C.
- W is wife of E and V is wife of B.
- D is not married to R, S or T.

Who is A's wife?

A R

B U

C T

D Cannot be determined

2. If southeast becomes east and northwest becomes west and all the other directions are changed in the same direction. Then what will be the direction for north?

A Northwest

B Southeast

C Southwest

D Northeast

3. Inspector arrested three persons- Kalia, Raza, Shera - on suspicion, in a theft case. It was found the one among these three was the thief. During the interrogation their replies were as follows.

Kalia: I am not the thief. Raza is the thief.

Raza: I am not the thief. Either Kalia or Shera is the thief.

Shera: I am not the thief. Raza is not the thief.

If exactly one person among them always speaks the truth, another always speaks lies and the third alternates between the truth and lies, then who is the thief?

A Kalia

B Shera

C Raza

D Cannot be determined

4. Below given question contains six statements labelled A, B, C, D, E and F followed by four combinations of three statements. Choose the set in which the statements are logically related i.e the third statement can be deduced from the first two statements together. Read the information carefully and answer the question.

A) All honest persons are good natured.

B) Some good natured persons are not honest.



- C) Some honest persons are good natured.
- D) All honest person are obese.
- E) All obese person are good natured.
- F) Some good natured person are hon est.

- A ACD
- B FAC
- C BCF
- D DEA

5. A, B, C, D and E are five rods. E is longer than A which is longer than C and lighter than C, which is lighter than D. B is shorter than D, and heavier than it. E is longer than D, and heavier than it. If B is the heaviest of all, then which of the following can be the lightest of all the five rods?

- A E only
- B A only
- C E or A
- D D or E

6. The river flows from west to east and on the way then turns left. After going some distance it encounters a hill. It goes around the hill counter-clockwise in a quarter circle, and then turns right. In which direction is the river finally following?

- A North
- B South
- C East
- D West

7. Based on the statement given below which of the following option is correct:-
Whenever Preeti's father is in town, she abstains from school and goes to her aunt's house.

- A a) If Preeti has not abstained from school or she has not gone to her aunt's house, it means that her father is not in town.
- B b) If Preeti has not abstained from school but her father is in town, then she will definitely go to her aunt's house.
- C c) If Preeti has abstained from school but she has not gone to her aunt's house, it means that her father is not in town.
- D d) Both (a) and (c)

8. 125 small but identical cubes have been put together to form a large cube. How many such small cubes will be required to cover this large cube completely?



- A 208
- B 212
- C 254
- D 218

9. If $a + b$ means a is sister of b ,
 $a - b$ means a is brother of b ,
 $a \times b$ means a is daughter of b ,
 $a \div b$ means a is mother of b ,

Which of the following relationship shows that p and r are wife and husband?

- A $p \div q \times r$
- B $p - q \times r$
- C $p + q \times r$
- D $p + q - r$

10. In a code language FRIGHTENS is written as 106; SIMILARLY is written as 118; How would DEMONITISATION be written in the same language?

- A 159
- B 169
- C 167
- D 166

11. Series below

2 3 7 4 3 2 1 5 7 3 2 7 1 0 9 8 7 5 4 7 2 3

Find the number of 7 in the given series that are followed by an even number but are not preceded by a prime number?

- A 1
- B 2
- C 3
- D 4

12. There are six members - Pills, Qills, Rills, Sills, Tills and Uills in a family. There are two married couples. Qills is Bengali and is the father of Tills. Uills is the grandfather of Rills. Uills is from Tamil Naidu. Sills is the grandmother of Tills and Sills is from Punjab. There is one Bengali, one Tamilian, one Punjabi, one Telegu and two Haryanvis in the family. The Telegu person is a female and married. Nobody who is a grandchild is married.

Which of the following two are married couples?

- A Pills Qills, Uills Sills



- B Pills Sills, Qills Uills
- C Pills Rills, Qills Sills
- D Pills Uills, Qills Rills

13. Complete the below given series:-

0, 6, 6, 20, 20, ____.

- A 42
- B 40
- C 26
- D 32

14. Looking at Samir, Rahul said, "Your only brother is the father of my daughter's father". How is Samir related to Rahul?

- A Father
- B Grandfather
- C Brother-in-laws
- D Uncle

15. The question given below consists of a statement, followed by 3 arguments numbered I, II and III. You should decide which of the arguments is/are 'strong' argument(s) and which is/are 'weak' argument(s) and accordingly choose your answer from given options.

Statement:

Should religion be taught in schools ?

Arguments:

I. No, ours is a secular state.

II. Yes, teaching religion helps inculcate moral values among children.

III. No, how can one dream of such a step when we want the young generation to fulfill its role in the 21st century.

- A All are strong
- B Only I and III are strong
- C Only II is strong
- D Only I is strong

16. Find the missing letters.

__ a b a __ b a _ a b

- A a b b a b
- B b a a b b
- C a b b a



D b b a b a

17. From the given alternatives find the correct relationship that holds between two terms :

FJUL : BOQQ :: LHRX :

- A HCMM
- B HMNC
- C HMCM
- D HMCC

18. The following question is given by 2 statements and 2 conclusions numbered I and II. Choose the right answer from given option.

Statements:

All huts are bungalows.

All bungalows are churches.

Conclusions:

I. Some churches are huts.

II. Some churches are bungalows.

A If only conclusion II follows.

B If either conclusion I or II follows.

C If only conclusion I follows.

D If both conclusion I and II follow.

19. In the following question, select one alternative in which the third statement is implied by the first two statements.

A All wolve's are wild. All tiger's are wild. So,all tigers are wolves.

B All buses are boxes. All hens are buses. So, all boxes are hens.

C All POR can run. All ABC are POR. So, all ABC can run.

D All oranges are red. Somepeaches are strawberries. So, all peaches are red.

20. Saritha went 15 km to the West from her house, then turned left and walked 20 km. She then turned East and walked 25 km and finally turning left covered 20 km. Howfar is she from her house ?

- A 80 km
- B 40 km
- C 5 km
- D 10 km

1. Answer: C

Explanation:

To find : A's wife = ?

It is given that R and S are A's sisters.

Also, W is wife of E and V is wife of B.

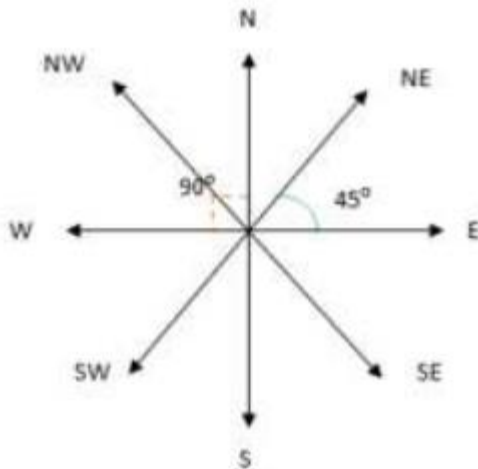
Thus, we have : (A,) (B,V) (C,) (D,) (EW)

Also, T is married neither to C nor to D, => T is wife of A.

=> Ans - (C)

2. Answer: D

If southeast becomes east and northwest becomes west, thus we have to tilt the direction clockwise. (to the right) Thus, direction of north will be northeast. => Ans - (D)



3. Answer: C

Explanation:

Case 1 : If Kalia speaks truth

=> Raza is the thief, which means Raza's first statement is a lie.

Case 1(a) : Raza speaks lie and truth alternatively.

=> Second statement cannot be true.

Case 1(b) : Raza always lies.

=> Raza is a thief, and the other ones are not.

This can only mean Shera speaks truth and lie alternatively, which positively concludes above statements.

Raza is the thief.

=> Ans - (C)

4. Answer: D

Explanation:

(A) : The two statements (A & C) are contradictory, hence it is invalid.

(B) : This also contain A and C, hence it is also invalid.

(C) : The statements are B and F are again contradictory, hence it is also invalid.

(D) : All honest person are obese, and all obese are good natured, hence all honest persons are good natured.

=> Ans - (D)

5. Answer: B

Explanation:

Comparing the rods on the basis of weight

A is lighter than C, which is lighter than D, : $D > C > A$

B is heavier than D, : $B > D$

E is heavier than D, : $E > D$

It is given that B is the heaviest, and combining above statements, we get : $B > E > D >$

$C > A$

Thus, A is the shortest.

=> Ans - (B)

6. Answer: C

Explanation:

Let the river start from point A and flows towards B, then turns left and reach at hill C. It goes around the hill counter-clockwise in a quarter circle to reach D, and then turns right finally to reach E. Thus River is flowing in East direction.

7. Answer: D

Explanation:

We are given that :Whenever Preeti's father is in town, she abstains from school and goes to her aunt's house.

Now option A says If Preeti has not abstained from school or she has not gone to her aunt's house, it means that her father is not in town.

Now this can be inferred

Option B says If Preeti has not abstained from school but her father is in town, then she will definitely go to her aunt's house.This cannot be

inferred as we cannot say she will surely go to her aunt's house

option C says If Preeti has abstained from school but she has not gone to her aunt's house, it means that her father is not in town. this can



also be inferred as she has not gone to her aunt's house
So A and C both can be inferred

8. Answer: D

Explanation:

125 small cubes have been together, so we have a $5 \times 5 \times 5$ cube.

So, if we want to cover it completely we've need to cover all the sides of it completely, we will just put same cubes over the one of the sides of it and then from both the sides we've to spread it just by one row and so it will cover it properly, and do it for all the other sides.

So, now we will have a $7 \times 7 \times 7$ cube.

Thus, number of cubes required to cover it =

=> Ans - (D)

9. Answer: A

Explanation:

Let us verify the options.

Option (A):

$p \div q$, means p is mother of q.

$q \times r$, means q is daughter of r.

The above two statements together tells us that, p is the wife of r. Hence wife and husband relationship exists between p and r.

Therefore option (A) is the answer.

Option (B):

$p - q$, means p is the brother of q.

$q \times r$, means q is daughter of r.

The above two statements together doesn't tell us that p and r are related as wife and husband.

Hence, Option (B) is not the answer.

Option (C):

$p + q$, means p is the sister of q.

$q \times r$, means q is daughter of r.

The above two statements together doesn't tell us that p and r are related as wife and husband.

Hence, Option (C) is not the answer.

Option (D):



$p + q$, means p is the sister of q . $q - r$, means q is the brother of r . The above two statements together doesn't tell us that p and r are related as wife and husband. Hence, Option (D) is not the answer

10. Answer: C

If we add the numbers denoted by each alphabet, when we number them as A=1, B=2, C=3.....Z=26

FRIGHTENS $6 + 18 + 9 + 7 + 8 + 20 + 5 + 14 + 19 = 106$

SIMILARLY $19 + 9 + 13 + 9 + 12 + 1 + 18 + 12 + 25 = 118$

DEMONITISATION $4 + 5 + 13 + 15 + 14 + 9 + 20 + 9 + 19 + 1 + 20 + 9 + 15 + 14 = 167$

11. Answer: A

Explanation:

Number of 7 in the given series that are followed by an even number but are not preceded by a prime number

= (not a prime number) (7) (even number)

2 3 7 4 3 2 1 5 7 3 2 7 1 0 9 8 7 5 4 7 2 3

Thus, there is only one such 7.

=> Ans - (A)

12. Answer: A

Explanation:

Qills is Bengali and is the father of Tills. Sills is the grandmother of Tills and Sills is from Punjab

=> Sills is mother of Qills.

Uills is the grandfather of Rills., => Uillis is husband of Sills.

Also, Rills and Tills are grandchildren and siblings.

The Telegu person is a female and married, => Pills is wife of Qills.

The remaining two Rills and Uills are Haryanvis.

13. Answer: A

Explanation:

$$0 = 1^2 - 1$$

$$6 = 2^2 + 2$$

$$6 = 3^2 - 3$$

$$20 = 4^2 + 4$$

$$20 = 5^2 - 5$$

$$42 = 6^2 + 6$$



14. Answer: D

Explanation:

Father of Rahul's daughter's father = Rahuls' father

Now, Samir's only brother = Rahul's father

=> Samir is Rahul's uncle.

=> Ans - (D)

15. Answer: C

Explanation:

The statement is Should religion be taught in schools ?

of the options only argument in II Presents a strong case in favor of teaching religion ,
rest options are not very strong to consider

So C is the correct answer

16. Answer: A

Explanation:

The pattern followed after filling all the blanks.

(A) : a b ab a b a b a b a b

(B) : b a a b a a b b a b a b

(D) : b b a b a a b b a a a b

If we look carefully, we can find only first option making a pattern, ab/ab/ab/ab/ab/ab

=> Ans - (A)

17. Answer: B

Explanation:

Expression = FJUL : BOQQ :: LHRX :

The pattern followed is :

F > B (-4)

J > O (+5)

U > Q (-4)

L > Q (-5)

Similarly, LHRX : HMNC

L > H (-4)

H > M (+5)

R > N (-4)

X > C (+5)

=> Ans - (B)

18. Conclusions:

I. Some churches are huts = true

II. Some churches are bungalows = true

Thus, both conclusion I and II follow.

=> Ans - (D)

19. Answer: C

Explanation:

(A) : From the first two statements, we cannot conclude any relation between tigers and wolves.

(B) : All hens are buses, and all buses are boxes, thus all hens are boxes, and not the other way around.

(C) : The first two statements matches with the conclusion that all ABC can run.

(D) : There is no defined relation between peaches and red.

=> Ans - (C)

20. Answer: D

Explanation:

Let Saritha starts from point A and went 15 km to the West from her house to reach B, then turned left and walked 20 km southwards to reach C. She then turned East and walked 25 km to go to D and finally turning left covered 20 km to finally stop at E.

Thus, she is 10 km east of her house.

=> Ans - (D)

