

## CAT 2021 Slot 2 Answer Key

### Set 1:

Q) 12 players (each ranked differently) divided into 4 groups of 3 players each  
Group A – Aruna, Azul, Arif, Group B – Brinda, Brij, Biju, Group C – Chitra, Chetan,  
Chhavi, Group D – Dipen, Dona, Deb. All of them have been given distinct ranks at the  
start of the game.

In the Group stage, the second rank will play against the third rank in that group and the  
winner will play with the first rank in that group. Semi-Final will be played between  
winners from group A and group B and winners from group C and group D.

1) Who among the following is not first in his/her group?

A) Dipen (B)

2) Who among the following must-haves played against each other?

A) Chitra and Dipen (C)

3) Who among the following won the championship?

A) Aruna (A)

4) Who among the following did not play against Chitra in the championship?

A) Biju (A)

### Set 2:

Q) There is a food delivery person named Ravi. Every customer gives ratings based on  
four parameters: behaviour, packaging, hygiene, and time. The rating scale was from 1  
to 9. If the total rating for all 4 parameters went 25 or above then the delivery person  
was given a bonus of Rs 20. Customers may also give an additional tip of Rs 30 or Rs  
50 if they like the service. On one particular day, the total of bonuses and tips received  
by Ravi from 4 different customers Atal, Bihari, Chirag, and Deepak were Rs.120.

1) What is the minimum rating given by any customer in any parameter?

A) 6555

2) The maximum total rating was given by?

A) Bihari, Chirag (D)

3) What was Atal's rating for the time parameter?

A) 6

4) What was the tip amount given by Deepak?

A) 30 or 50 (B)

Here are some other questions that were a part of CAT 2021 Slot 2 Exam:

Q). Three numbers  $x$ ,  $y$  and  $z$  are in A.P. Given that  $y-x > 2$  &  $xyz = 5(x + y + z)$  then the value of  $z-x$  is:

A) 14 (A)

Q) From a container having  $M$  9 litres are taken out and replaced with water. The same process is repeated once again. Given  $M$ : water is 16 9. Find the capacity of the container.

A) 45

Q) If  $\log_2 [ 3 + \log_3 \{ 4 + \log_4 ( x - 1 ) \} ] - 2 = 0$ . Find  $4x$ .

A). 5

Q). Three persons A, B, and C invest in a business. A's investment is 70%. His share of profit decreases by Rs.420 if overall profit goes down from 18% to 15%. C's profit share increases by 80 and if overall profit goes up from 15% to 17%. Find B's investment.

A) 2000 (D)

Q) One root of  $a^2x^2 - bx + c = 0$  is  $(2 + \sqrt{3})$ . If  $a$ ,  $b$ ,  $c$  are rational and  $b = c^3$  find  $|a|$ .

A) 2 (A)

Q). Raj invested Rs.10,000 in fraud. At the end of 1st year, he incurred a loss but the balance remaining was above Rs.5000. He invested again and made a profit. His percentage growth was 5 times the percentage loss he had made. His overall gain was 35%. Find the percentage loss in the first year.

A) 10 (B)

Q). There are four numbers  $a$ ,  $b$ ,  $c$ ,  $d$ . In this  $a$  is at the thousandth place,  $b$  is at the hundredth place,  $c$  is at tenth place, and  $d$  is at one's place where  $a + b + c = 14$ ,  $b + c + d = 15$ , and  $c = d+4$ . The highest such number is:

A) 4195.