

CAT 2021 Questions

DILR

1. Subject Matter Experts (SME) and Three reviewers (Amal, Bimal, Komal) review questions from a pool of 13 questions. Both SME's and the reviewers can submit questions. A question submitted by SME is first reviewed by Amal and then Bimal, If both of them approve then it is selected. If either of them disproves it is then reviewed by Komal whose approval and disapproval may end in selecting or rejecting the question. If both the reviewers reject, then the question is rejected.
A question submitted by Amal is reviewed by Bimal and if he approves the question, it is approved and if he rejects it is reviewed by Komal whose decision ends up in approving or rejecting the question.
A question submitted by Bimal is reviewed by Komal and if he approves the question, it is approved and if he rejects it is reviewed by Amal whose decision ends up in approving or rejecting the question.
A question submitted by Komal is reviewed by Amal and if he approves the question, it is approved and if he rejects it is reviewed by Bimal whose decision ends up in approving or rejecting the question.

Set of questions reviewed by Amal, Bimal and Komal.

Amal :

Bimal:

Komal:

1. How many questions were definitely submitted by Amal ? (Numerical)
 2. How many questions are definitely submitted by Komal ? (Numerical)
 3. How many questions are definitely submitted by SMEs ? (Numerical)
 4. Approval rate of Bimal ? (Choice Type)
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2. P1...P10 players participated in a javelin throw competition which was done in two phases with 1,2,3 rounds in phase 1 and 4,5,6 rounds in phase 2.

Quant

1. A completes a work in 12 days and B completes a work in 16 days. Both A, B and C complete work in 6 days. If a total of 24000Rs was paid and the payment depends on the rate of work done by each worker, How much did C earn ? (Numerical)
2. A buys two kinds of shirts from the market, Large and Small. He purchased a total of 64 shirts. He paid a total of 3200Rs for large shirts, 1800 Rs for small shirts. Find out how much it cost him for one Large and 1 Small Shirt ?
 - a. 200
 - b. 150

- c. 175
 - d. 300
3. Average of marks obtained by a 25 students is *. If the top 5 students all have the same mark and the for the rest of the students the marks they got is distinct with the lowest one getting a mark of 30, Find the maximum possible marks obtained by the top student. (Numerical Type Question)
4. A farm is in the shape of a rhombus, The length of fencing required around it is 40m. It has an area of 96 m^2 . Find out how much it will cost to fence along the diagonals if the cost of fencing is 125Rs per meter. (Numerical Type Question)
5. A farm has a total area of 60000 square feet. For fencing one side it cost 200 Rs and for fencing the other three sides it cost 100Rs. Find the least amount of fencing.
- a. 9000
 - b. 16000
 - c. 12000