

Name: _____ Grade : VI Branch: _____ Date:20/04/2020 Subject: Math

MATH-KEY

(A) MCQ'S:

- 1.C
- 2.C
- 3.D
- 4.B
- 5.D
- 6.D
- 7.C
- 8.B
- 9.A
- 10.C

2.Brain teaser:

a) Here's the step-by-step solution:

- 1. The farmer brings the goose across the river first (if he leaves the goose alone, it will either eat the beans or be eaten by the fox).*
- 2. The farmer brings either the fox or the beans across and leaves the other one alone.*
- 3. Now the farmer has two items on the other side of the river, including the goose. If he leaves the goose again, the same problem will occur. So, the farmer must bring the goose back to the other side.*
- 4. The farmer brings the other item back (either the fox or the beans) and leaves the goose alone again. The fox and the beans are now on the other side of the river.*
- 5. The farmer returns and brings the goose across the river again.*