

NIMCET 2019 SET – D

ANALYTICAL ABILITY AND LOGICAL REASONING

51. 1. All chickens are birds

2. Some chickens are hens

3. Female birds lay eggs

If the above three statements are facts , which of the following statement must also be a fact ?

i. All birds lay eggs

ii. Hens are birds

iii. Some chickens are not hens

(A) II only

(B) II and III only

(C) I, II and III

(D) None of the statements is a known fact.

Correct Ans. is (B) i.e. II and III only

or **(D)** i.e. None of the statements is a known fact.

(Because in the statement II given that Hens are birds in place of Some Hens are birds)

Where as your given answer is (A)

Ref. for Q. 76 : In this link <https://www.indiabix.com/logical-reasoning/logical-problems/026001>)

53. Using only 2,5,10,25 and 50 paise coin, the smallest number of coin required to pay exactly 79 paise, 66 paise and Re.1.01 to three different persons is

(A) 17

(B) 20

(C) 19

(D) 18

Correct Ans. is (a) i.e. 17

Where as your given answer is (*) Question marked with red color (or *) are not considered for evaluation

Explanation :

For 79 Paise : $25 \text{ paise} \times 3 \text{ coins} + 2 \text{ paise} \times 2 \text{ coins}$

Total number of coins for 79 paise = 5 coins

For 66 Paise : $50 \text{ paise} \times 1 \text{ coin} + 10 \text{ paise} \times 1 \text{ coin} + 2 \text{ paise} \times 3 \text{ coin}$

Total number of coins for 66 paise = 5 coins

For 1.01 Paise : $50 \text{ paise} \times 1 \text{ coin} + 25 \text{ paise} \times 1 \text{ coin} + 10 \text{ paise} \times 2 \text{ coin}$
 $+ 2 \text{ paise} \times 3 \text{ coin}$

Total number of coins for Rs. 1.01 paise = 7 coins

So, total coins used = $(5 + 5 + 7)$ coins

= 17 coins Ans.(A) (because given that smallest no. of coin)

78. if G and E are facing C and H respectively, the neighbours of K are

(A) J and H (B) J and E (C) H and J (D) H and E

For Q. 78 : Both Answer (A) and (C) are correct because neighbours of K are either J and H or H and J. Where as your given answer is (C) only.