

Mathematical Reasoning - Class XI

Past Year JEE Questions

Questions

Question: 01

Consider the following three statements :

(A) If $3 + 3 = 7$ then $4 + 3 = 8$

(B) If $5 + 3 = 8$ then earth is flat.

(C) If both (A) and (B) are true then $5 + 6 = 17$.

Then, which of the following statements is correct?

A. (A) is false, but (B) and (C) are true

B. (A) and (C) are true while (B) is false

C. (A) is true while (B) and (C) are false

D. (A) and (B) are false while (C) is true

Solutions

Solution: 01

Explanation

Truth Table

P	q	$P \rightarrow q$
T	T	T
T	F	F
F	T	T
F	F	T