

## Mathematical Reasoning - Class XI

### Related Questions with Solutions

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#### Questions

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##### Question: 01

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Let  $p$  and  $q$  be two statements. Then  $p \vee q$  is false , if

- A.  $p$  is false and  $q$  is true
- B. both  $p$  and  $q$  are false
- C. both  $p$  and  $q$  are true
- D. None of the above

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#### Solutions

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##### Solution: 01

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$p \vee q$  is false only when both  $p$  and  $q$  are false.

In all other cases, it is true.

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#### Correct Options

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Answer:01

Correct Options: B