# ©゙’ doubtnut 

## MATHS

## BOOKS - RESONANCE DPP ENGLISH

## PERMUTATIONS AND COMBINATIONS

Others

1. A student has to answer 10 out of 13
questions in an examination. The number of
ways in which he can answer if he must answer atleast 3 of the first five questions is

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2. The number of times the digit 3 will be written when listing the integers from 1 to

1000 , is

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3. We wish to select 6 persons from 8 , but if
the person $A$ is chosen, then $B$ must be chosen. In how many ways can the selections be made?

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