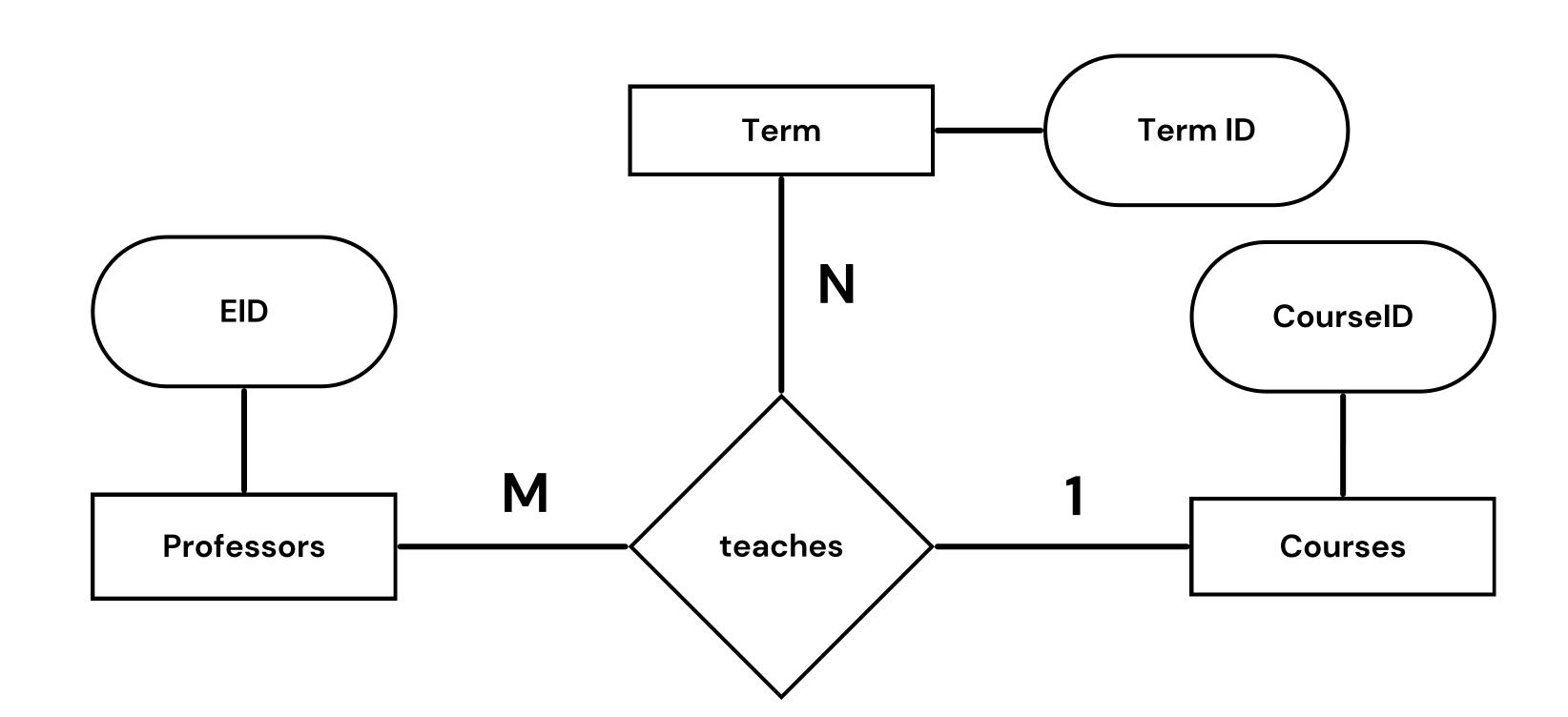
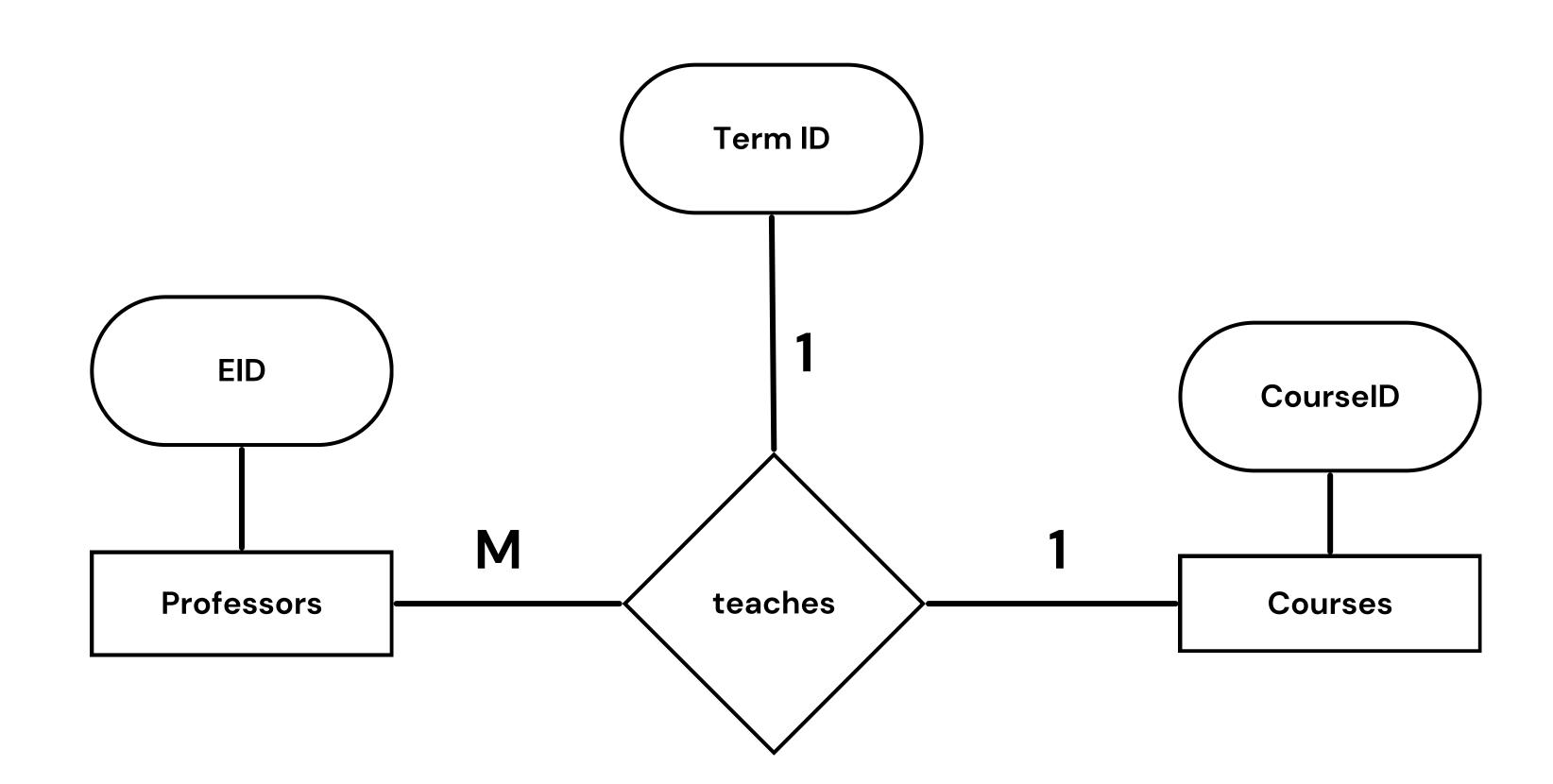
QUESTION 1

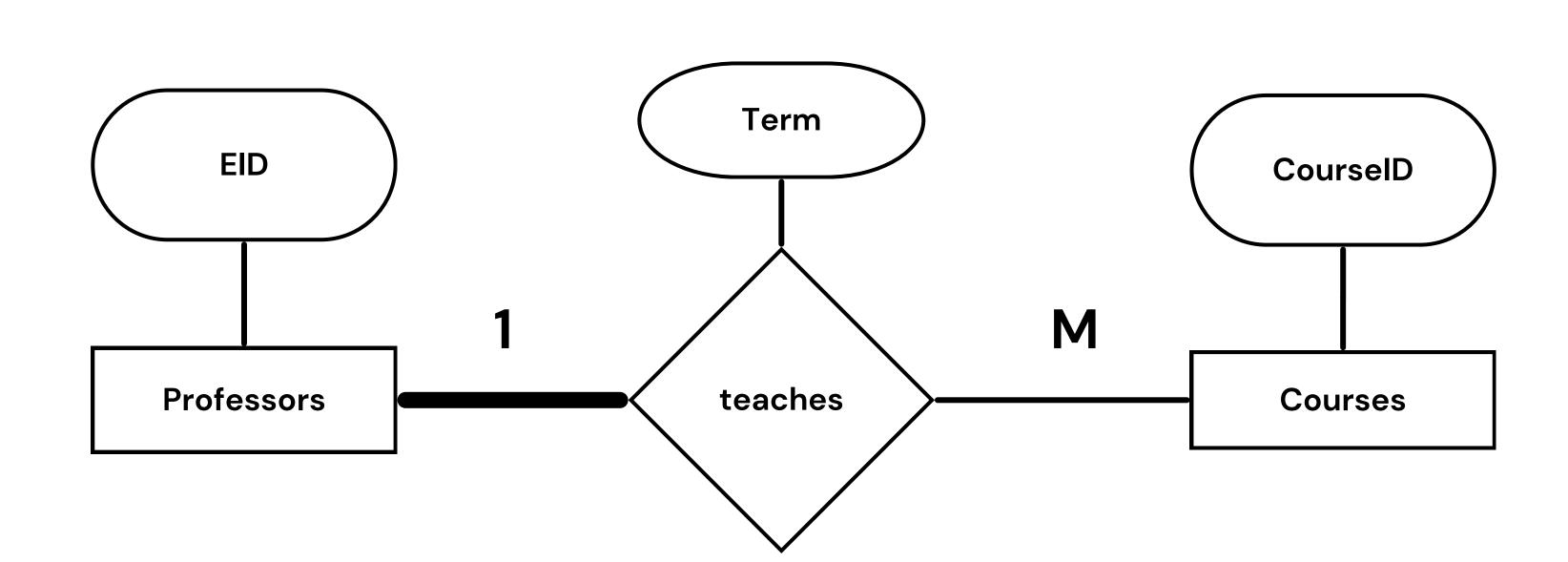
1.1 Professors can teach the same course in several terms, and each offering must be recorded.



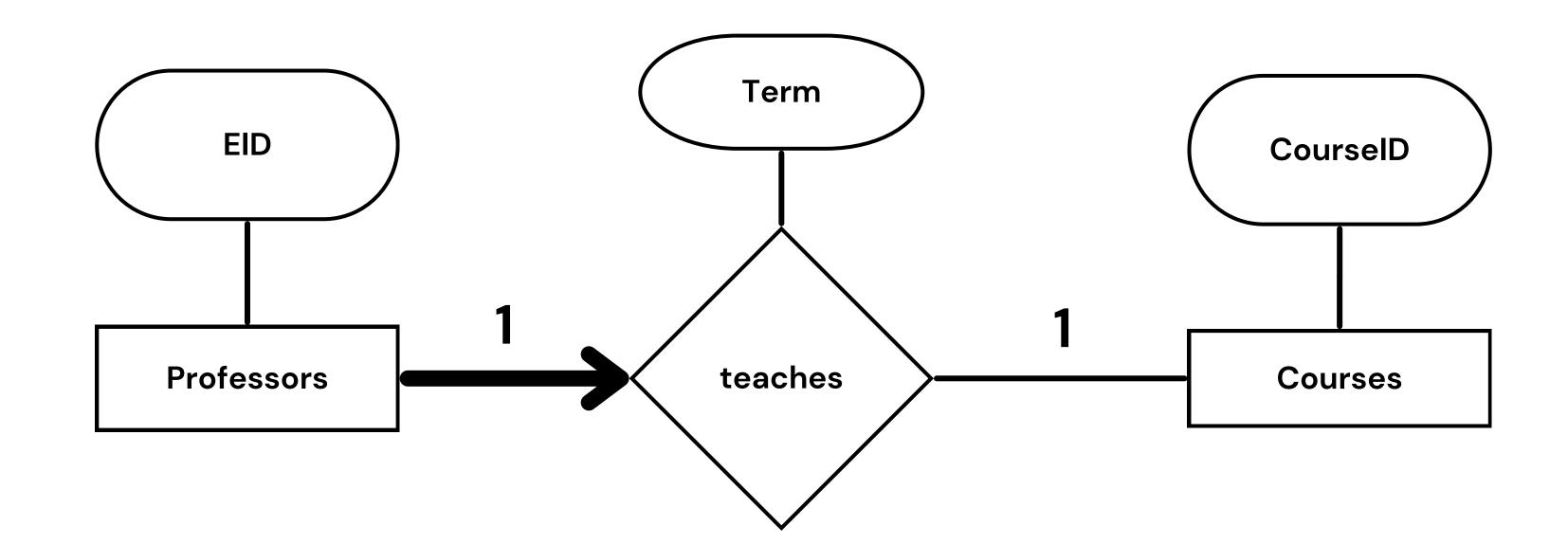
1.2 Professors can teach the same course in several term, and only the most recent such offering needs to be recorded. (Assume this condition applies in all subsequent questions.)



1.3 Every professor must teach at least one course.



1.4 Every professor teaches exactly one course (no more, no less).



1.5 Every professor teaches exactly one course (no more, no less), and every course must be taught by some professor.

