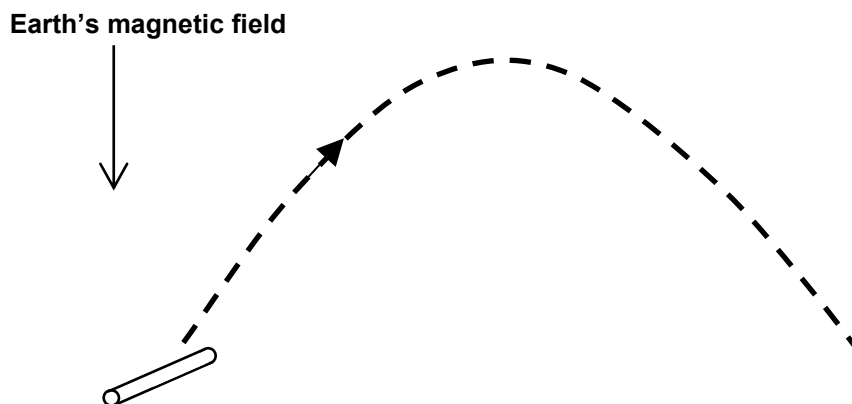


- 25** A metal rod is thrown such that it moves in a parabolic path. Along its movement, the metal rod's long axis remains perpendicular to the earth's magnetic field. It can be assumed that air resistance is negligible, the Earth's magnetic field is pointing downwards and is uniform throughout the rod's trajectory.



Which of the following graphs show the variation of the e.m.f. induced between both ends of the rod with time?

